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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, January 30, 2008 at 3:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

Members:
Daniel Weaver (Chair), Steve Ferrario, Bruce Oka and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chair), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Greg Riessen, Norman Rolfe and Dorris Vincent.

Notes:

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☎(415) 701-4666 FAX (415) 701-4502

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Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting
Wednesday, January 30, 2008 at 3:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
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AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	3:00
2.	**Public Comment**	3:03
3.	**Adopt Minutes of November 14, 2007** (Discussion/ Action)	3:05
4.	**Report of the Chair** (Discussion/ Action)	3:10
5.	**Update on NextMuni** (Discussion/Action) Frank Lau	3:15
6.	**Communications Plan** (Discussion/ Action) Murray Bond	3:35
7.	**FY 08/09 Budget for Maintenance and Operations** (Discussion/ Action) Ken McDonald	4:00
8.	**LRVs on Market Street** (Discussion/Action) John Byrd	4:25
9.	**Committee Members' Questions/Information Requests** (Discussion)	4:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) **Tentatively Scheduled Next Regular Meeting**: Wednesday, February 13, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 3:00pm.	4:55
11.	**Adjournment**	5:00

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Tentative Topics Calendar

Quarterly/Bimonthly Updates:

- Alternative Fuel Pilot Program (AFPP)
- Third Street Light Rail Project
- N-Judah
- Municipal Railway Headquarters

Note: **Quarterly/bimonthly updates should include staff presentations on projects status (segments/phases completed, under construction, and still being planned; funding status including allocations, expenditures and additional funding needs; and identified problems or delays incurred concerning the projects).**

Potential Discussion Topics:

- Breda Engineering Modifications/Design Repair Plan Update (July 2004)
- Report on Central Subway
- Bus Rapid Transit (BRT) (Geary)
- T3 Presentation to the Council and SFMTA CAC Interaction
- Ocean Avenue Traffic Alignment Plans
- SFMTA's Input Into the Spending Plan for Proposition B Reauthorization
- Sectionalization of Overhead for Metro Subway Service
- Islais Creek Bus Facility/Land Acquisition and Update on Proposed Functions, Design, Cost and Schedule of the Construction Project (November 2004)
- Security on Metro system tunnels
  Embarcadero
  West Portal
  Eureka & Market
  Duboce (Removal of fence)
- Maintenance Budget

Disability Access

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City and County of San Francisco
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Citizens' Advisory Council (SFMTA CAC)

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Regular Meeting Minutes

Wednesday, January 30, 2008 at 3:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 3:01 p.m.

   EMSC Members present at Roll Call: Daniel Weaver (Chairman), Steve Ferrario and Bruce Oka.

   OCSC Members present, but absent at Roll Call: Jamison Wieser arrived at 3:02 p.m.

   EMSC Members absent: None.

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

   SFMTA staff: Murray Bond (Deputy Director for Strategic Communications), Don Gee (Chief Mechanical Officer - Bus Maintenance), Elson Hao (Senior Vehicle Engineer) and Debra Reed (CAC Secretary).

2. **Adopt minutes of November 14, 2007:**
   Motion to adopt minutes: unanimously approved. (Ayes – Weaver (Chairman), Ferrario, Oka and Wieser)

3. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

4. **Report of the Chairman:** Dan Weaver

   Chairman Weaver rescheduled the EMSC meetings to the fourth Wednesday of the month at 4:00 p.m.

5. **Update on NextMuni** (Discussion/Action) Frank Lau

   Frank Lau was not available to attend the meeting.

6. **Communications Plan** (Discussion/ Action) Murray Bond

   Mr. Bond said that he will be launching a safety campaign that will alert passengers to safe behavior while riding transit by Winter 2008.

   Chairman Weaver and Jamison Wieser will be participating in a scan project of current safety messages used on and around transit, scheduled on January 31, 2008.

The E-Alert subscription service for transit delays and street closures will be ready for testing in March 2008.

Questions and Comments

Jamison Wieser said that he supported last year's revenue generating idea from Sonali Bose (SFMTA CFO/Director of Finance and Administration) to have the SFMTA provide vending machines and ATMs. Chairman Weaver suggested dispensing parking cards and fast passes.

Mr. Wieser suggested selling naming rights for Metro stations.

7. **FY 08/09 Budget for Maintenance and Operations** (Discussion/ Action) Don Gee and Elson Hao.

Don Gee said that the NABI buses have been reliable vehicles. Since NABI buses were beyond their midlife age, they have submitted a request to Finance to transfer the $4.3 million allocated for overhauling those buses to a fund for purchasing equipment. Equipment could then be purchased to rehabilitate Neoplan buses.

Mr. Elson said that he submitted a proposal to Ken McDonald for a $200 million midlife overhaul program for light rail vehicles to be used over a seven-year period.

Questions and Comments

Jamison Wieser suggested teaming with other transit agencies to get better pricing for bulk vehicle purchases.

8. **Light Rail Vehicles on Market Street** (Discussion/Action) John Byrd

Steve Ferrario asked about rewiring Market Street to support light rail vehicles in case of a major service disruption in the tunnel. Mr. Byrd discussed several solutions. He agreed to bring cost estimates to the next EMSC.

9. **Committee Members' Questions/Information Requests:** (Discussion)

10. **Agenda Planning for the Next Regular Meeting Tentatively Scheduled:**

Next regular meeting: February 27, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

- Light Rail Vehicles on Market Street and Eureka Portal rebuild (John Byrd)
- NextMuni (Frank Lau)
- Rubber Tire procurement (Don Gee)

11. **Adjournment:** 5:20 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

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Regular Meeting
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AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	3:30
2.	**Public Comment**	3:33
3.	**Adopt Minutes of January 30, 2008** (Discussion/ Action)	3:35
4.	**Report of the Chair** (Discussion/ Action)	3:37
5.	**Update on NextMuni** (Discussion/Action) Frank Lau	3:38
6.	**New Bus Cameras/Citation Procedures for Transit Lane Violations** (Discussion/ Action) Virgil Dennis	4:00
7.	**Light Rail Vehicles on Market Street and the Eureka Portal rebuild** (Discussion/Action) John Byrd	4:30
8.	**Committee Members' Questions/Information Requests** (Discussion)	5:00
9.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) **Tentatively Scheduled Next Regular Meeting**: Wednesday, March 26, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00pm	5:05
10.	**Adjournment**	5:10

City & County of San Francisco
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Tentative Topics Calendar

Quarterly/Bimonthly Updates:

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Potential Discussion Topics:

- Breda Engineering Modifications/Design Repair Plan Update
- Report on Central Subway
- Bus Rapid Transit (BRT) (Geary)
- Ocean Avenue Traffic Alignment Plans
- SFMTA's Input Into the Spending Plan for Proposition B Reauthorization
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6.	**Rubber Tire Procurement** (Discussion/ Action) Don Gee	4:00
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27/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 3:30 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver and Jamison Wieser.

   EMSC Members absent: None.

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Adopt minutes of January 30, 2008:**
   Motion to adopt January minutes: Adopted. Ayes – Ferrario, Weaver and Wieser

3. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

4. **Report of the Chairman:** Dan Weaver

   Chairman Weaver said that EMSC meetings will start at 4:00 p.m.

5. **Update on NextBus** (Discussion/Action) Frank Lau

   Mr. Lau said that arrival times for 81 of the 86 Muni service lines are now available through NextBus signs and the internet. All the new Clear Channel shelters will be eligible for NextBus signs since they are required to provide electrical or solar power. A new interface is being developed between ATCS and NextBus to improve prediction readability on subway monitors.

6. **New Bus Cameras/Citation Procedures for Transit Lane Violations** (Discussion/ Action) Virgil Dennis, Victoria Einhaus and James Lee

   Mr. Dennis said that coaches are equipped with forward facing video cameras. Operators activate these cameras to mark events when vehicles are parked in transit lanes. DPT Enforcement issues citations based on video evidence. The 90-day test began on January 1, 2008. If this program is successful Mr. Ford is considering a 21-month system-wide project.

7. **Light Rail Vehicles on Market Street and the Eureka Portal rebuild** (Discussion/Action) John Byrd

   Mr. Byrd was not available to attend this meeting.

8. **Committee Members' Questions/Information Requests:** (Discussion)
   - Who maintains platforms on the Embarcadero (Dan Murphy)
9. **Agenda Planning for the Next Regular Meeting Tentatively Scheduled:**

   Next regular meeting: March 26, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.
   - Light Rail Vehicles on Market Street and the Eureka Portal rebuild (John Byrd)
   - NextBus sign locations (Peter Straus)
   - New transit shelters designed to providing solar power or electricity to power NextBus displays. (Gail Stein and Kirsten Magary)
10. **Adjournment:** 5:20 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting
Wednesday, March 26, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of February 27, 2008** (Discussion/ Action)	4:05
4.	**Report of the Chair** (Discussion/ Action)	4:07
5.	**NextBus Sign Locations** (Discussion/Action) James Lowé	4:08
6.	**NextBus Signs Powered by Solar Cells and Electricity at Next Generation Bus Shelters** (Discussion/ Action) Gail Stein	4:30
7.	**Light Rail Vehicles on Market Street and the Eureka Portal rebuild** (Discussion/Action) John Byrd	4:55
8.	**Committee Members' Questions/Information Requests** (Discussion)	5:20
9.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) **Tentatively Scheduled Next Regular Meeting**: Wednesday, April 23, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00pm	5:25
10.	**Adjournment**	5:30

City & County of San Francisco
Municipal Transportation Agency
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Tentative Topics Calendar

Quarterly/Bimonthly Updates:

- Alternative Fuel Pilot Program (AFPP)
- Third Street Light Rail Project
- N-Judah
- Municipal Railway Headquarters

Note: **Quarterly/bimonthly updates should include staff presentations on projects status (segments/phases completed, under construction, and still being planned; funding status including allocations, expenditures and additional funding needs; and identified problems or delays incurred concerning the projects).**

Potential Discussion Topics:

- Breda Engineering Modifications/Design Repair Plan Update
- Report on Central Subway
- Bus Rapid Transit (BRT) (Geary)
- Ocean Avenue Traffic Alignment Plans
- SFMTA's Input Into the Spending Plan for Proposition B Reauthorization
- Sectionalization of Overhead for Metro Subway Service
- Islais Creek Bus Facility/Land Acquisition and Update on Proposed Functions, Design, Cost and Schedule of the Construction Project (November 2004)
- Security on Metro system tunnels
  Embarcadero
  West Portal
  Eureka & Market
  Duboce (Removal of fence)
- Maintenance Budget

Disability Access

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Regular Meeting Minutes

Wednesday, March 26, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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/26/08

1. **Call to Order / Roll Call:** Chairman Daniel Weaver called the meeting to order at 4:00 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver and Jamison Wieser.

   EMSC Members absent: None.

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe and Ruth Wheeler

2. **Adopt minutes of February 27, 2008:**
   Motion to adopt February minutes: Approved, Ayes – Ferrario, Weaver and Wieser

3. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None.

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **NextBus Sign Locations** (Discussion/Action) James Lowé

   James Lowé, Transit Planner, provided information on locations for the initial 400 NextBus installations. Signs were distributed throughout the city, based on geographic equality (approximately 35) in each of the Supervisor Districts, and where power was available. Most transit shelters are not electrified due to the cabling distances or the lack of a Pacific Gas and Electric metered connection. To establish power, the installation cost per shelter would be $10,000 - $30,000. If power were available, but no proper connection, the price for a new meter installation would be $5000 - $7000.

6. **NextBus Signs Powered by Solar Cells and Electricity at Next Generation Bus Shelters** (Discussion/ Action) Gail Stein

   Gail Stein, Manager, Real Estate, reviewed plans for the Next Generation bus shelters. The Arts Commission has just approved the shelter design. Clear Channel has a year to install five proto-types. The new contract allows up to 1500 shelters, but it is probable that not all of these will be installed. Of the 1100 present shelters, approximately 410 have power. Clear Channel, the City Attorney's Office and the SFMTA are working to provide power for many, but not all, of the other locations. All new shelters will have photovoltaic cells to

provide solar power for lighting; however the present NextBus Signs draw too much power to operate from these solar cells.

Mr. Lowé stated that because electricity is a major problem, other possibilities include locating the signs within private business windows or as stand-alone units.

7. **Light Rail Vehicles on Market Street and the Eureka Portal rebuild** (Discussion/ Action) John Byrd

John Byrd, Deputy Director for Rail Operations, presented a feasibility analysis of rewiring Market Street for emergency LRV operations. In-house estimates to accommodate pantographs would be $25 - $30 million dollars. This could be accomplished by staggering the wires, with the positive wire positioned lower than the negative. It would take approximately one year for construction, with an additional 6 months for the RFP and bid process.

Steve Ferrario said that in addition to providing emergency LRV street operation, rewiring could allow the opportunity to relocate one of the existing Metro lines onto Market Street. This would increase the available capacity for the remaining lines within the subway.

Mr. Byrd stated that the subway continues to be a major "pinch-point." Anything that could increase the passenger throughput would be welcomed. Mr. Byrd stated that he might try running the ATCS in manual to determine if that would make the operation faster.

As part of the rewiring, Mr. Byrd presented information on the usability and stability of the Eureka Portals. His research found that some height accommodations would be needed, but that the portals could be used with the present BREDA cars.

8. **Committee Members' Questions/Information Requests:** (Discussion)

- Dan Weaver asked if the work order had been completed for lighting along the four-foot row at the M-Oceanview stop in the Lakeside District.
- Ruth Wheeler asked about the cost to run NextBus signs.
- Norm Rolfe asked about the power (voltage and current) requirements for the present NextBus signs. He also asked if the signs could operate on direct current and what would be the ampere-hours required for battery operation.

9. **Agenda Planning for the Next Regular Meeting Tentatively Scheduled:**

Next regular meeting: April 23, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

- BREDA half-life overhaul
- Geneva Canopy

10. **Adjournment:** 5:54 p.m.

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Citizens' Advisory Council (CAC)

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Members:
Daniel Weaver (Chair), Steve Ferrario and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chair), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Greg Riessen, Norman Rolfe, Dorris Vincent and Ruth Wheeler.

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6.	**Geneva Canopy** (Discussion/ Action) James Walsh	4:30
7.	**BREDA Half-life Overhaul** (Discussion/Action) Samuel Lau	4:55
8.	**Committee Members' Questions/Information Requests** (Discussion)	5:20
9.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) **Tentatively Scheduled Next Regular Meeting**: Wednesday, May 28, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00pm	5:25
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Regular Meeting Minutes

Wednesday, April 23, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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/23/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 4:00 p.m.

   EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

   EMSC Members absent: Jamison Weiser.

   SFMTA CAC Members, not on this committee, but also present: Greg Riessen, Norman Rolfe and Ruth Wheeler

2. **Adopt minutes of March 26, 2008:**
   On motion to adopt March minutes: Nay - Steve Ferrario did not approve the minutes due to lack of content. Chairman Weaver decided to wait until the next EMSC meeting of May 28, 2008 to further consider the March minutes.

3. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

4. **Report of the Chairman:** Dan Weaver

   Chairman Weaver

5. **Fix Masonic Petition** (Discussion/Action) Manito Velasco

   Manito Velasco, Manager of the Traffic Calming Program for the SFMTA, stated that they received a Traffic Calming Application for Masonic Avenue with over 500 signatures. Their website is www.fixmasonic.org. The group's recommendations include: a lower speed limit; reconfigure and/or the removal of traffic lanes; add a bicycle lane; add advance stop lights for vehicles before cross walks; create a separate crossing phase for bicyclists and pedestrians at Masonic and Fell; remove the double right turn lanes from Masonic onto Fell; facilitate faster, smoother Muni service through synchronization of traffic lights; overall streetscape and traffic calming.

   Mr. Velasco said these recommendations were good, but difficult to execute on an arterial street. This is specifically true on Masonic because it hosts bike, transit and emergency routes, is a route for freight and commercial traffic and is residential.

   During the last several years the SFMTA have made the following improvements on Masonic: 1) Installed a new traffic signal at Grove and Masonic in year 2005; 2) Removed the double right turn from Oak to Masonic; 3) Added count-down pedestrian signals to Oak and Masonic as well as Fell and Masonic; and 4) Added larger 12 inch signal heads at Turk and Masonic also at Golden Gate and Masonic.

The SFMTA also has projects in process, which include: 1) Adding countdown signals at Fulton and Masonic; 2) Improving the merge signage at Fell and Masonic; 3) Reducing the Masonic speed limit from 30 to 25 MPH; and 4) As part of the Bicycle Plan, the SFMTA will study the Masonic traffic lanes.

Mr. Velasco stated he would return to the EMSC in six months to discuss further progress on this application.

6. **Geneva Canopy** (Discussion/ Action) James Walsh

James Walsh, Project Manager for the Geneva Canopy reviewed the history of the building. A revision of an earlier concept was made to reduce costs; however more funding was still needed because the final bid still exceeded the budget. The present plan will reproduce the profile of the previous train sheds, over six tracks, to provide storage for 24 historic streetcars. The pre-fabricated building will cost approximately $11 million. It is hoped the notice to proceed will be issued in June, with construction proceeding the following year.

Steve Ferrario asked if an adjacent and similar building could be added if more storage is needed in the future. Mr. Walsh said yes, but it would involve another contract and more funding.

Mr. Walsh agreed to return to the EMSC in six months for an update.

7. **BREDA Half-life Overhaul** (Discussion/ Action) Samuel Lau and Elson Hao

Samuel Lau, Deputy Chief Operating Officer introduced Elson Hao, Principal Engineer for Operations Engineering to discuss the BREDA Half-Life Overhaul program.

Presently $25.7 million dollars of funding has been identified, of the $230 million dollars required for a complete mid-life overhaul program. The overhaul program is estimated to take seven years to complete. Because of this funding constraint, the SFMTA has elected to start with a critical systems overhaul program versus a complete car half-life rebuilding program.

The SFMTA has purchased three car sets of spare trucks, in order to run a truck overhaul program, while keeping the LRVs in service. All trucks will be switched out on each car, which will take four to five days. Each truck requires three weeks of shop time for overhaul.

Overhauls have already been performed on all BREDA Heating Ventilation and Air Conditioning Systems.

Other car systems that require priority action include: 1) wiring harness redesign in the articulation systems; 2) the air compressors; and 3) the big calipers. The doors have also become loose and need rebuilding (estimated at $200,000 to $300,000 per car). The couplers will also need to be addressed when funding becomes available.

Additionally, Mr. Hao stated that the SFMTA is negotiating with BREDA to rebuild one of the cars that has been put out of action by a major accident.

The SFMTA will pursue the additional funding required for the complete Breda half-life overhaul program. Mr. Hao agreed to return to the EMSC in twelve months to report on the status of this program.

8. **Committee Members' Questions/Information Requests** (Discussion)

   No questions

9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: May 28, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

   - Track work at Church and Market Streets
   - Remove pre-ATCS system
   - Fix Masonic Petition
   - Daily Ops
   - E-Alert status

10. **Adjournment:** 5:54 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

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Notice

Meeting for Wednesday, May 28, 2008

"Has Been Cancelled"

1 South Van Ness Avenue, Room 3075
San Francisco, California

Members:
Dan Weaver (Chairman), Steve Ferrario and Jamison Wieser

Council Members not members of this Committee:
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Notice of Regular Meeting and Agenda
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Members:
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4.	**Report of the Chair** (Discussion/ Action)	4:07
5.	**Track work at Market and Church Streets** (Discussion/ Action) Carter Rohan and Jane Wang	4:08
6.	**Funding for removal of old signal system in tunnels** (Discussion/ Action) Carter Rohan and Jane Wang	4:30
7.	**Daily Operation Report** (Discussion/ Action) Srecko Kahvedzic	4:50
8.	**E-Alert Update** (Discussion/Action) Murray Bond	5:10
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:30
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, July 23, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:35
11.	**Adjournment**	5:40

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, June 11, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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6/11/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 4:03 p.m.

   EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

   EMSC Members absent: Jamison Wieser.

   SFMTA CAC Members, not on this committee, but also present: Greg Riessen (Pro Tem for Jamison Wieser) and Norman Rolfe

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:**

   Brenda Walker, Capital Asset Management program, announced that the Capital Investment Plan (CIP) would be going before the SFMTAB on June 17, 2008. Steve Ferrario said that both SFMTA CAC Finance and Administration Committee and the full SFMTA CAC had previously reviewed the CIP and were satisfied with its content.

3. **Adopt Minutes of March 26 and April 23, 2008:**
   On motion to adopt the minutes of March 26, 2008: Approved. Ayes – Ferrario and Weaver (Wieser-absent).

   Adoption of the minutes from the April 23, 2008 meeting will be continued at the next EMSC meeting.

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Track work at Market and Church Streets** (Discussion/ Action) Jane Wang and Ming Gu

   Jane Wang, Acting Manager - Engineering Development Section, and Ming Gu, Project Engineer of the Church/Duboce Track Replacement Project, gave an overview of track work along the Duboce and Church Streets corridor.

   Steve Ferrario said that in 1992 the Church to Market Street turn was replaced with a vent. Restoring the turn would allow service flexibility for the F-Market line and the development of a surface J-Church line to relieve tunnel congestion. Ms. Wang said that while the vent must remain, she would research the feasibility of adding a turn. John Byrd, Deputy Director for Rail Operations, suggested an alternate possibility of installing a half-grand union.

   Ms. Gu said that the detailed design was expected to commence in July 2008.

Chairman Weaver selected Gregg Riessen as Pro Tem for Jamison Wieser.

Steve Ferrario made the following recommendation:

> The SFMTA CAC recommends that when the track diamonds are replaced at Church and Market Streets, an outbound track be added to allow streetcars to turn left from Market Street to Church Street. This would be a companion to the existing inbound track, which allows a right turn from Church Street to Market Street.

On motion regarding the track diamond replacement at Church and Market Streets:
Adopted. Ayes – Ferrario, Riessen (pro tem for Wieser) and Weaver
(Wieser absent)

6. **Funding for removal of old signal system in tunnels** (Discussion/ Action) Carter Rohan and Jane Wang

Jane Wang, Acting Manager, Engineering Development Section, said that over the next two years the Agency would have $5 million budgeted for the removal of the old signal system. The existing system has been regarded as a redundant system by some. The Agency needs to decide if a redundant system is necessary and if the existing system truly serves as a redundant system. Some operations from West Portal to Embarcadero still use older track switches that utilize circuits from the old system.

Norman Rolfe said that the old system had double berthing (allows two trains to unload passengers simultaneously) and closing in (allows a train to pull up to the rear of another train) features that were not available with the present Automatic Train Control System (ATCS). He was in favor of keeping the old signal and removing the ATCS.

Steve Ferrario said that since its installation ten years ago he has heard numerous reports of problems that were attributed to the poor design of the ATCS. Subway passenger throughput has decreased by 20 percent since the roll out of the ATCS in 1999. Double berthing and the ability to couple cars continue to be problematic. 30 to 40 percent of Metro system failings reported in the Daily Operations Report are ATCS-related. Funds would be better spent on detailed engineering studies to return to a simple manual system. Ms. Wang stated that the $5 million is not the cost of the project. CPWC (Capital Projects Working Committee) makes decisions on spending allocations. Metro's entire network is outfitted with the ATCS. Removing the ATCS would require a policy decision.

John Byrd, Deputy Director for Rail Operations, said that the cost of replacing a system and vehicle upgrades is expensive.

Steve Ferrario made the recommendations:

> The SFMTA CAC recommends that given the present train control and signaling system's instability and the overall reduction of passenger throughput of the Metro Subway since 1998, the Automatic Train Control System should be replaced with a manual system. Additionally a matching manual system should be installed in the new Central Subway, resulting in increased stability at a decreased cost.

On motion to replace the Automatic Train Control System with a manual system: Adopted. Ayes – Ferrario, Riessen (pro tem for Wieser) and Weaver. (Wieser absent)

The SFMTA CAC recommends leaving the original signal system as installed, in the subway. Money currently budgeted for its removal should be used for research, engineering and design of an entirely new manual system to replace the Automatic Train Control System.

On motion to leave the original signal system in place: Adopted. Ayes – Ferrario, Riessen (pro tem for Wieser) and Weaver. (Wieser absent)

7. **Daily Operations Report** (Discussion/ Action) Srecko Kahvedzic, Samuel Lau and John Byrd

   Samuel Lau, Deputy Chief Operating Officer, stated that the Daily Operations Report is an internal management tool.

   Steve Ferrario stated that some incidents are not reflected in the reports. He witnessed a 10 to 15 minute delay in which an operator assisted another operator, but the delay was never reflected in the report. Mr. Lau said that if an incident is not called in, then Central Control would have no record of the delay.

   Chairman Weaver said that 311 Service and NextBus are often poor sources for system interruption alerts. The success of the upcoming E-Alert notification service would depend on complete information.

   Srecko Kahvedzic, Operations Analysts, explained how to read the Daily Operations Report.

   Joan Downey said the Daily Operations Report should be published on the website. The public could read and understand what is happening throughout the system, as well as incidents that are beyond Muni's control.

8. **E-Alert Update** (Discussion/Action) Murray Bond and Charles Belov

   Murray Bond, Deputy Director for Strategic Communications, stated that a contractor has been identified to design the E-Alert system. The contractor expects the service to be ready for testing by July 2008. Mr. Bond said that he would like SFMTA CAC members to participate in an E-Alert trial.

   Charles Belov, Webmaster, gave a demonstration of the E-Alert service.

9. **Committee Members' Questions/Information Requests** (Discussion)

   None

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: June 25, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

- Safety of Wrap-around signs on the BREDAs
- Video monitors at Van Ness Avenue (Frank Lau and Murray Bond)
- NextMuni and E-Alert connection(Fran Lau and Murray Bond)

11. **Adjournment:** 6:10 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, June 25, 2008 at 3:30 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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6/25/08

Members:
Daniel Weaver (Chairman), Steve Ferrario and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Greg Riessen, Norman Rolfe, Dorris Vincent and Ruth Wheeler.

Notes:

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Members of the Citizens' Advisory Council who are not members of the EMSC may attend Committee meetings.

In the event that a quorum of the entire Council is present, the Committee shall act as a Committee of the Whole. A vote of the Committee of the Whole does not constitute final Council action; the full Council must ratify all Committee action.

The SFMTA CAC may be contacted as follows:
Municipal Transportation Agency Citizens' Advisory Council
1 South Van Ness Avenue, 7th Floor – San Francisco, CA 94103-5417
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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting
Wednesday, June 25, 2008 at 3:30 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	3:30
2.	**Public Comment**	3:33
3.	**Adopt Minutes of April 23 and June 11, 2008** (Discussion/ Action)	3:35
4.	**Report of the Chair** (Discussion/ Action)	3:37
5.	**Graphic Design for Video Monitors at Van Ness Avenue** (Replaces the ACTS monitors) (Discussion/ Action) Frank Lau and Murray Bond	3:38
6.	**NextMuni and E-Alert Connection** (Discussion/Action) Murray Bond	4:00
7.	**BREDA Fleet Performance - Major problems and failures:** (Discussion/Action) John Sadorra, Elson Hao and John Byrd	4:20
8.	**Amendments to the EMSC Motions of June 11, 2008** (Discussion/ Action) **Motion 080611.01:** The SFMTA CAC recommends that given the present train control and signaling system's instability and the overall reduction of passenger throughput of the Metro Subway since 1998, the ATCS should be replaced with a manual system. Additionally a matching manual system should be installed in the new Central Subway, resulting in increased stability at a decreased cost. **Motion 080611.02:** The SFMTA CAC recommends leaving the original signal system as installed, in the subway. Money currently budgeted for its removal should be used for research, engineering and design of an entirely new manual system to replace ATCS. **Motion 080611.03:** The SFMTA CAC recommends that when the track diamonds are replaced at Church and Market, an outbound track	4:40

	be added to allow streetcars to turn left from Market Street to Church Street. This would be a companion to the existing inbound track, which allows a right turn from Church Street to Market Street.	
9.	**Committee Members' Questions/Information Requests** (Discussion)	4:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, July 23, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	4:55
11.	**Adjournment**	5:00

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, June 25, 2008 at 3:30 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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12/5/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 3:31 p.m.

   EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

   EMSC Member absent: Jamison Wieser

   SFMTA CAC Members, not on this committee, but also present: Greg Riessen, Norman Rolfe and Ruth Wheeler

2. **Adopt Minutes of April 23rd and June 11th of 2008:**
   On motion to adopt April 23, 2008 minutes: Adopted: Ayes – Ferrario and Weaver. (Absent – Wieser)

   Adoption of the June 11, 2008 minutes was continued.

3. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Graphic Design for Video Monitors at Van Ness Avenue** (Discussion/ Action) Frank Lau and Murray Bond

   Frank Lau, Project Engineer, NextBus, presented an overview of the graphic design changes for the video monitors at the Van Ness station.

   Mr. Ferrario said that it was not necessary to display symbols for trains located outside the tunnel. Ruth Wheeler said that she found details about trains outside of the tunnel to be useful. Mr. Lau stated that waiting passengers were interested in outside train locations when it pertained to their particular line.

   Mr. Ferrario said that a fellow CAC member was not pleased with video maps and that he preferred a list of train arrival times. Mr. Lau stated that he would relay the suggestion to incorporate list messaging for arrival times into the overhead display.

   Ruth Wheeler asked if video monitor graphics could be made available on E-Alert. Murray Bond, Deputy Director of Strategic Communications, said that E-Alert did not have enough power to accommodate video graphics due to funding.

Public Comment

Chris Campbell recommended reading the blog at SF.CURBED.com. He stated that there was enough room to display both real time information and icons on the same screen. He presented his mockup of train tunnel locations and train arrival times. He pointed out revenue opportunities for advertisement.

6. **NextMuni and E-Alert Connection** (Discussion/Action) Murray Bond

Murray Bond, Deputy Director of Strategic Communications, stated that the E-Alert service offered subscribers a menu of up-to-date information regarding Muni's transit lines, elevators and escalators. He invited the SFMTA Citizens' Advisory Council to volunteer for the E-Alert beta test.

7. **BREDA Fleet Performance - Major problems and failures:** (Discussion/Action) John Byrd

John Byrd, Deputy Director for Rail Operations, provided an overview of rail fleet performance.

Mr. Ferrario asked about alternative maintenance programs, such as roaming repair crews. Mr. Byrd stated that the Maintenance division is in the process of identifying resources to support end-of-line cleaners and a pre-maintenance running repair group.

Mr. Ferrario asked about improvements in next year's fiscal budget for the Maintenance department. Mr. Byrd said that $25 million has been identified, but it is yet to be allocated.

8. **Amendments to the EMSC Motions of June 11, 2008** (Discussion/ Action)

Chairman Weaver appointed Greg Riessen to serve as pro tem for Jamison Wieser.

Motion 080611.01

The SFMTA CAC recommends that given the present train control and signaling system's instability and the overall reduction of passenger throughput of the Metro Subway since 1998, the ATCS should be replaced with a manual system.

Additionally a matching manual system should be installed in the new Central Subway, resulting in increased stability at a decreased cost.

Chairman Weaver amended Motion 080611.01 to replace the sentence "The SFMTA CAC recommends that given the present train control and signaling system's instability and the overall reduction of passenger throughput of the Metro Subway since 1998, the ATCS should be replaced with a manual system" with the sentence "Given the present train control and signaling system's instability and overall reduction of passenger throughput of the Metro Subway since 1998, the SFMTA CAC recommends that the Automatic Train Control System should be replaced with a manual system."

Without objection Motion 080611.01 reads as follows:

Given the present train control and signaling system's instability and the overall reduction of passenger throughput of the Metro Subway since 1998, the SFMTA CAC recommends that the Automated Train Control System should be replaced with a manual system.

Additionally a matching manual system should be installed in the new Central Subway, resulting in increased stability at a decreased cost.

Steve Ferrario moved to approve Motion 080611.01 as amended.
On motion to adopt Motion 080611.01: Adopted: Ayes – Ferrario, Riessen and Weaver. (Absent - Wieser)

Motion 080611.02

The SFMTA CAC recommends leaving the original signal system, as installed, in the subway. Money currently budgeted for its removal should be used for research, engineering and design of an entirely new manual system to replace Automatic Train Control System.

On the motion to adopt Motion 080611.02: Adopted: Ayes – Ferrario, Riessen and Weaver. (Absent - Wieser)

Motion 080611.03

The SFMTA CAC recommends that when the track diamonds are replaced at Church and Market, an outbound track be added to allow streetcars to turn left from Market Street to Church Street. This would be a companion to the existing inbound track, which allows a right turn from Church Street to Market Street.

Chairman Weaver amended Motion 080611.03 to add the sentence, "This addition to an already planned re-tracking project would provide additional flexibility for the streetcar fleet."

Without objection Motion 080611.03 reads as follows:

The SFMTA CAC recommends that when the track diamonds are replaced at Church and Market, an outbound track be added to allow streetcars to turn left from Market Street to Church Street. This would be a companion to the existing inbound track, which allows a right turn from Church Street to Market Street. This addition to an already planned re-tracking project would provide additional flexibility for the streetcar fleet.

Steve Ferrario moved to approve Motion 080611.03 as amended.
On motion to adopt Motion 080611.03: Adopted: Ayes – Ferrario, Riessen and Weaver. (Absent - Wieser)

9. **Committee Members' Questions/Information Requests** (Discussion)

No questions

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: July 23, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - Safety of Wrap-around signs on the BREDAs
    - Fix Masonic Petition (Mark Christianson)
    - Trolley Maintenance (Don Gee)
    - Boarding Island maintenance outside the Embarcadero (Jason Gallegos and Gail Stein)
    - Signal Priority (Ricardo Olea)

11. **Adjournment:** 5:54 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, July 23, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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23/08
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Members:
Daniel Weaver (Chairman), Steve Ferrario and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Greg Riessen, Norman Rolfe, Dorris Vincent and Ruth Wheeler.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting
Wednesday, July 23, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of April 23 and June 11, 2008** (Discussion/ Action)	4:05
4.	**Report of the Chair** (Discussion/ Action)	4:07
5.	**Safety of Wrap-around signs on Vehicles** (Discussion/ Action) Michael Kirchanski	4:08
6.	**Trolley Bus Maintenance** (Discussion/ Action) Don Gee	4:30
7.	**Committee Members' Questions/Information Requests** (Discussion)	4:50
8.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, August 27, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	4:55
9.	**Adjournment**	5:00

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, July 23, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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7/23/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 4:08 p.m.

   EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver.

   EMSC Members absent: Jamison Wieser

   SFMTA CAC Members, not on this committee, but also present: Greg Riessen, Norman Rolfe and Ruth Wheeler

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of June 11, 2008:**
   Adoption of the June 11, 2008 minutes was continued.

4. **Report of the Chairman:** Dan Weaver

   Chairman Weaver stated that E-Alert has accuracy problems. A passenger reported being passed by two dead-heading trains leaving her to wait a half an hour for a J-train. Last Wednesday, a wire was down at Phelan and Ocean Avenues. E-Alert reported that the problem was fixed at 9:45 a.m. however at 9:55 a.m. Chairman Weaver spotted a bus picking up passengers at Dorado and Ocean Avenues. Chairman Weaver observed street supervisors directing trains to turn around at West Portal and at San Francisco State University. Central Control should be reporting service gaps of 15 minutes or more. The E-Alert consultant should have access to the same information as Central Control.

5. **Safety of Wrap-around signs on Vehicles** (Discussion/ Action) Michael Kirchanski

   Michael Kirchanski, Manager, Office of Health and Safety, stated that the safety of fully wrapped LRVs and buses is being discussed in the newly established Safety, Security and Enforcement Department. The Change Control Board is an internal review process established with representation from the Operations, the Safety and the Security Departments to evaluate security and safety effecting changes such as fully wrapped vehicles. There is a concern that some of the marketing and advertising projects have bypassed the Change Control Board process.

   Mr. Kirchanski stated that a compromise could be a design that partially covers the window. Steve Ferrario felt that clear windows could diminish the revenues.

Mr. Ferrario said people need to be able to see street signs. Mr. Kirchanski stated that the Muni Accessibility Advisory Committee should evaluate wrapped ads for possible vision problems.

Mr. Kirchanski agreed to assemble the Hazard Analysis Work Group to report on hazards of the wrapped ads trial for the next EMSC meeting.

6. **Trolley Bus Maintenance** (Discussion/ Action) Don Gee

   Don Gee, Superintendent, was not present.

7. **Committee Members' Questions/Information Requests** (Discussion)

8. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: August 27, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

   - Fix Masonic Petition – Oliver Gajda
   - Bus shelters and boarding island maintenance – Jason Gallegos and Gail Stein
   - Hazard Analysis Work Group – Michael Kirchanski
   - Trolley Bus Maintenance Plans – Don Gee and Samuel Lau

9. **Adjournment:** 5:38 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

08-20-08P02:17 RCVD

Engineering, Maintenance & Safety Committee (EMSC)

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Notice of Regular Meeting and Agenda
for
Wednesday, August 27, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3072
San Francisco, California

90.325

27/08

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey,
Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe,
Dorris Vincent and Ruth Wheeler.

Notes:

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MUNI

SAN FRANCISCO DPT DEPARTMENT OF PARKING & TRAFFIC

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting
Wednesday, August 27, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3072
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes from June 11, June 25 and July 23, 2008** (Discussion/Action)	4:05
4.	**Report of the Chair** (Discussion/Action)	4:07
5.	**Safety of Wrap-around signs on Vehicles – Hazard Analysis Work Group Review** (Discussion/Action) Michael Kirchanski	4:08
6.	**Boarding Island and Shelter Maintenance Programs** (Discussion/Action) Jason Gallegos	4:30
7.	**Fix Masonic Petition** (Discussion/Action) James Shahamiri, Jessica Lynn Manzi and Mark Christiansen	4:50
8.	**E-Alert Data** (Discussion/Action) Sam Lau, Murray Bond, Maggie Lynch and Charles Belov	5:10
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/Action) Wednesday, September 25, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:55
11.	**Adjournment**	6:00

Disability Access

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, August 27, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3072
San Francisco, California

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8/27/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 4:00 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver and Jamison Wieser.

   EMSC Members absent: Greg Riessen.

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe and Ruth Wheeler.

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None.

3. **Adopt Minutes from June 11, June 25 and July 23, 2008** (Discussion/Action)
   On motion to adopt the minutes of June 11, 2008: Adopted: Ayes – Ferrario, Weaver and Wieser

   On motion to adopt the minutes of June 25, 2008: Adopted: Ayes – Ferrario, Weaver and Wieser

   On motion to adopt the minutes of July 23, 2008: Adopted: Ayes – Ferrario, Weaver and Wieser

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Safety of Wrap-around signs on Vehicles – Hazard Analysis Work Group Review** (Discussion/Action) Michael Kirchanski

   Michael Kirchanski, Manager, Office of Health and Safety, presented a report from the Hazard Analysis Board regarding transit vehicles with vinyl wraps. He stated the Board noted that sealed windows block the ability of windows to be used as emergency exits. For egress the mitigation would be to cut the vinyl around windows. Mr. Kirchanski further stated that the Board noted that low vision passengers need to see street and station signs and need to recognize people waiting for them. For perceptibility the mitigation would be to remove wraps from windows.

   Mr. Kirchanski stated that the final report would be provided to the CAC. Jason Gallegos, Principal Administrative Analyst, stated that the advertising RFP was submitted last week.

Current wrapped vehicles are experimental. Changes to the Advertising Policy will occur at a future date.

6. **Boarding Island and Shelter Maintenance Programs** (Discussion/Action) Jason Gallegos, Catherine Carr and Michael Hale.

   Jason Gallegos, Principal Administrative Analyst, Real Estate, stated that the contract includes maintenance for 1100 transit shelters, 39 kiosks, 132 low-level boarding platforms and 30-plus high-level boarding platforms.

   Catherine Carr, Clear Channel Transit Manager, reviewed the maintenance policy regarding the bi-weekly cleaning schedule and general cleaning around structures within a five-foot radius, which included the removal of stickers, graffiti, weeds, trash and broken glass. Michael Hale, Clear Channel Supervisor of Operations, stated that construction of new transit shelters will begin in March 2009 at a rate of 220 per year over a five year period.

   Chairman Weaver stated that the condition of the transit shelter and the boarding island pavements in many locations is an aggravating problem. People eat on buses and transit islands, trashcans are missing and there is no enforcement. Mr. Hale stated that 311 Service calls are given priority and are a critical part of the maintenance program. His crew's response times exceed contract requirements, especially for calls regarding broken glass with response times of one to six hours. Mr. Hale stated that he will be experimenting with different cleaning solvents.

7. **Fix Masonic Petition** (Discussion/Action) Jessica Lynn Manzi, Mark Christiansen and Jeremy Nelson

   Mark Christiansen, Fix Masonic, stated that the Board of Supervisors made a request to the SFMTA to conduct a planning process to make Masonic a healthy street. While not yet implemented, lowering the speed to 25 mph has been approved. An exception was granted by the courts to provide a special signal at Masonic and Fell to provide safer crossing. A grant from the Department Public Health was provided to WalkSF to study solutions.

   Jeremy Nelson from Nelson Nygaard presented information on various design options that include vehicle lane removals, turn pockets, pedestrian refuge islands, bicycle lanes, count-down signals and landscaping.

   Jessica Lynn Manzi, Associate Engineer, stated that the SFMTA is considering one of the proposed options with modifications, but funding needs to be identified. While half the funding is coming from existing bike program funds, the SFMTA is planning to submit a request to the Transportation Authority to complete the $150,000 project.

   Completion of the draft EIS/EIR is expected by Thanksgiving 2008 with hopes that it will be certified by the Board of Supervisors by Summer 2009.

8. **E-Alert Data** (Discussion/Action) Murray Bond, Maggie Lynch, Deanna DeSedas and Charles Belov

Charles Belov, Webmaster, gave a presentation of E-Alert and the signup process. Mr. Belov stated that future plans include traffic alerts, street closures and re-routes. Sign up will become available at www. sfmtaalerts.com.

Chairman Weaver suggested adding parking information. Mr. Bond stated that the systems for SF*park* and for SFMTA-Alerts might not be compatible. He will have Deanna DeSedas, Marketing/Community Outreach Manager, look into the possibility of getting access to SF*park* information for SFMTA-Alerts.

9. **Committee Members' Questions/Information Requests** (Discussion)

   Ruth Wheeler asked how much was spent on maintenance last year and at what percent of the operational budget.

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: September 24, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - Transit Priority Signaling Program – Britt Tanner
    - Rolling Stock – ETI vehicles problem, maintenance plans for trolley and diesel
    - 4th and King Streets, Transit Priority, signal phasing, derailment and switching issues - John Byrd

11. **Adjournment:** The meeting was adjourned at 6:02 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, September 24, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

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24/08

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe, Dorris Vincent and Ruth Wheeler.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, September 24, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of August 27, 2008** (Discussion/Action)	4:05
4.	**Report of the Chair** (Discussion/Action)	4:07
5.	**Rolling Stock – ETI vehicle problems, maintenance plans for trolley and diesel** (Discussion/Action) Elson Hao	4:10
6.	**Transit Priority Signaling Program** (Discussion/Action) Britt Tanner and John Byrd	4:35
7.	**Central Subway Update** (Discussion/Action) John Funghi	5:20
8.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
9.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, October 22, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:55
10.	**Adjournment**	6:00

Attachments:
Agenda Item 2 - Draft of August 27, 2008 Minutes

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, September 24, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

90.325
2
24/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 4:06 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver and Ruth Wheeler (Pro Temp for Jamison Wieser)

   EMSC Members absent: Greg Riessen and Jamison Wieser

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

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3. **Adopt minutes of August 27, 2008:**
   On motion to adopt the minutes of August 27, 2008: Adopted: Ayes – Ferrario, Weaver and Wheeler (Absent – Riessen and Wieser)

4. **Report of the Chairman:** Dan Weaver

   No report presented.

5. **Rolling Stock – ETI vehicle problems, maintenance plans for trolley and diesel** (Discussion/Action) Elson Hao

   Elson Hao, Principle Engineer, Operations Engineering, stated that there is no funding available for a midlife overhaul program for the diesel buses. $4 million has been identified to replace engines, transmissions and cooling systems for 60 of the 375 buses. Mr. Hao estimated a cost of $7 million for annual diesel maintenance.

   273 ETI Trolley buses have been refurbished. 110 out 163 trolley axels have been replaced under warranty; however, the manufacturer is experiencing financial problems. A traction motor replacement program may be the next maintenance project.

   The 14-year old Flyer trolley buses are past their manufacturer's warranty period. Axels and air compressor dryers are being replaced in-house. The cooling systems are being supplemented with fans. The Flyers have problems with their auxiliary inverter units and battery charger units.

6. **Transit Priority Signaling Program** (Discussion/Action) Britt Tanner and John Byrd

   John Byrd, Deputy Director, Rail Operations, gave an overview of recent operator and inspector training, interlocking switch changes, signaling upgrades and pavement striping at

the 4th and King Streets intersection. He stated that the startup of the Muni Metro East facility was a success.

Britt Tanner, Engineer, Transit Effectiveness Project, gave an overview of the TEP implementation including transit priority signal technology, stop consolidation and bus bulbs.

7. **Central Subway Update** (Discussion/Action) John Funghi

John Funghi, Program Manager, Central Subway, stated that the Board of Supervisors approved the Central Subway project. The final design will be reviewed by FTA and SFMTA operations. Outside firms will be hired for design, management and construction support. The Construction Management service contract is currently under review. The Design RFP will be reviewed later in 2008 followed by the Project Control RFP in 2009.

Steve Ferrario said that longer station platforms are essential for planning and safety. A stalled train at a short platform could block egress for passengers. He also expressed concern regarding the plan to have only single exit points at Moscone Center and Chinatown in case of disasters. Mr. Fungi said that if funding can be identified then changes could be considered.

Mr. Ferrario said there is a $70 million cut to state funds slated for the SFMTA. Mr. Funghi stated that some projects are being deferred. The Central Subway project is in the best position to compete for funding.

8. **Committee Members' Questions/Information Requests** (Discussion)

9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

Next regular meeting: October 22, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

- Plan for disabled street cars
- Streetcars acquisition plans
- E-Alert

10. **Adjournment:** The meeting was adjourned at 6:06 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance & Safety Committee (EMSC)

10-15-08P03:05 RCVD

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for
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San Francisco, CA

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Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen and Jamison Wieser

Council Members not members of this Committee:
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Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, October 22, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of September 24, 2008** (Discussion/Action)	4:05
4.	**Report of the Chair** (Discussion)	4:07
5.	**Streetcar Acquisition Plan** (Discussion/Action) Darton Ito	4:08
6.	**BART's Earthquake Upgrade at the SFMTA Church Street Station** (Discussion/Action) Jay Lu	4:30
7.	**BART's Market Street Elevators Project** (Discussion/Action) Jay Lu	4:50
8.	**E-Alert Project Update** (Discussion/Action) Srecko Kahvedzic, Samuel Lau and Murray Bond	5:20
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, November 26, 2008, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:55
11.	**Adjournment**	6:00

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City and County of San Francisco
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Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, October 22, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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2
10/22/08

1. **Call to Order / Roll Call:** Chairman Weaver called the meeting to order at 4:08 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver and Jamison Wieser.

   EMSC Members absent: Greg Riessen

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe and Ruth Wheeler

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of September 24, 2008:**
   On motion to adopt the minutes of September 24, 2008: Adopted: Ayes – Ferrario, Weaver and Wieser (Absent – Riessen)

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4. **Report of the Chairman:** Dan Weaver

   No report was presented

5. **Streetcar Acquisition Plan** (Discussion/ Action) Darton Ito

   Darton Ito, Manager, Long Range Planning, stated that there are no specific acquisition plans. Historic cars are acquired as the Agency becomes aware of them. The TEP's recommendation to establish the E-line along the Embarcadero from the Caltrain Station to Fisherman's Wharf and the proposal to extend either the F or the E-line beyond Fisherman's Wharf to the Fort Mason Center may require rehabilitating the existing fleet or purchasing new vehicles.

   Plans to purchase 24 LRVs are tied with the opening of the new Central Subway in 2030. The SFMTA plans to purchase four new LRVs for the Central Subway, ten LRVs for the J, K, L and N-line expansions and ten LRVs as part of the Third Street project to extend the M-line to the Mission Bay loop.

6. **BART's Earthquake Upgrade at the SFMTA Church Street Station**
   (Discussion/Action) Jay Lu, Catherine Westphall, Molly McArthur,

   Catherine Westphall, Community Relations Manager for BART's Earthquake Safety Program, stated that BART owns several SFMTA operated subway facilities. A portion of the funding from the BART Earthquake Safety Bond, Measure AA, will be used for earthquake upgrades

at the SFMTA's Church Street station. Construction scheduled for December 2008 is expected to be completed by May 2009. Flyers, posters, neighborhood mailings and a website at www.BART.gov\earthquake will inform patrons about service disruptions. BART's community representative is Bianca Malory at 510-464-6189.

7. **BART's Market Street Elevators Project** (Discussion/ Action) Susan Gallagher, Molly Burke and Isaac Lim

   Susan Gallagher, BART Manager of Accessible Services, stated that BART will be replacing the street-level elevator housings at Civic Center, Montgomery, Powell and Embarcadero. Each elevator will be out of service three and a half months. Construction is scheduled to begin in January 2009. Isaac Lim, BART Principle Civil Engineer, provided an overview of the elevator project.

   Molly Burke, BART Principle Government and Community Relations Representative, provided an overview of BART's outreach and mailing campaigns. She stated that more information will become available online at www.bart.gov. The hotline phone number for the status of the elevators is 1-888-235-3828. BART's Accessible Services can also be reached at 1-510-464-6184.

8. **E-Alert Project Update** (Discussion/Action) Srecko Kahvedzic and Murray Bond

   Murray Bond, Deputy Director of External Affairs, stated that E-Alert will be ready to launch in November 2008. E-Alert was not designed to accommodate the daily ops report; however, the Daily Ops report can be posted on the SFMTA public website. Srecko Kahvedzic, Operations Analyst, stated that he is working with IT staff to create a template for posting accident reports on the SFMTA website.

9. **Committee Members' Questions/Information Requests** (Discussion)

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: November 26, 2008, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - Cross Traffic Does Not Stop sign – Bryant Woo and Tom Folks
    - Damage Vehicles – Elson Hao

11. **Adjournment:** The meeting was adjourned at 5:55 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, November 19, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

10.325
11/19/08

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe, Dorris Vincent and Ruth Wheeler.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, November 19, 2008 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of October 22, 2008** (Discussion/ Action)	4:06
4.	**Report of the Chair** (Discussion/ Action)	4:08
5.	**Maintenance and Repair plans for Historic Street cars and Breda Light Rail Vehicles** (Discussion/Action) Elson Hao	4:10
6.	**Current plans for track replacement projects** (Discussion/ Action) Tom Kennedy	4:30
7.	**Carl and Willard Street Intersection and the Hillway and Carl Streets Intersection** (Discussion/ Action) Tom Folks and Bryant Woo	4:50
8.	**Vehicle and Station video taping protocols** (Discussion/ Action) Ted Unaegbu	5:10
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:30
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, January 28, 2009, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:35
11.	**Adjournment**	5:45

Attachments:
Agenda Item 2 - Draft of August 27, 2008 Minutes

Disability Access

This meeting will be held at 1 South Van Ness Avenue, Conference Room 3075, San Francisco. From the 1st floor lobby, take the elevator to the 3rd Floor.

The meeting location is wheelchair accessible. The closest BART station is Civic Center. The closest SFMTA Metro station is Van Ness. Accessible SFMTA bus lines nearest the meeting location are the 7-Haight, 9-San Bruno, 47-Van Ness, 49-Van Ness/Mission, and the 71-Haight-Noriega, also the F-Market & Wharves (Historic Streetcar Service). For more information about SFMTA accessible services, call 415-701-4485/TTY 415-701-4730.

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(Chapter 67 of the San Francisco Administrative Code)

Government's duty is to serve the public, reaching its decisions in full view of the public. Commissions, boards, councils, and other agencies of the City and County exist to conduct the peoples' business. This ordinance assures that deliberations are conducted before the people and that City operations are open to the peoples' review.

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, November 19, 2008 at 4:00 p.m.
One South Van Ness Avenue, Conference Room 3075
San Francisco, California

92-325
11/19/08

1. **Call to Order/Roll Call:** Chairman Weaver called the meeting to order at 4:00 p.m.

   EMSC Members present at Roll Call: Joan Downey (pro tem for Greg Riessen), Daniel Weaver and Ruth Wheeler (pro tem for Steve Ferrario).

   EMSC Members absent: Steve Ferrario, Greg Riessen and Jamison Wieser

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

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3. **Adopt minutes of October 22, 2008:**
   On motion to adopt the minutes of October 22, 2008: Adopted: Ayes – Downey, Weaver and Wheeler (Absent – Ferrario, Riessen and Wieser)

4. **Report of the Chairman:** Dan Weaver

   No report was presented.

5. **Maintenance and Repair plans for Historic Street cars and Breda Light Rail Vehicles** (Discussion/Action) Elson Hao

   Elson Hao, Principle Engineer, Operations Engineering, was not present for this item.

6. **Current plans for track replacement projects** (Discussion/Action) Tom Kennedy

   Tom Kennedy, Deputy Director, Maintenance of Way, gave an overview of critical track replacement projects that must be completed prior to the Carl Street track replacement project. Mr. Kennedy stated that the Carl Street conceptual design will begin in May 2009 with construction to start in mid 2011.

   Joan Downey moved the following recommendation:

   Motion: WHEREAS Carl Street neighbors have waited more than six years for track replacement on the N-Judah line;

   WHEREAS Carl between Arguello Boulevard and the Sunset Tunnel is the narrowest residential street with rail in San Francisco;

   WHEREAS The Bredas have caused excessive noise and vibration resulting in damage to homes along Carl Street;

WHEREAS $1.6 million in repairs have been made in this area in the past five years;

THEREFORE BE IT RESOLVED That the SFMTA CAC again urges the SFMTA to expedite Carl Street track replacement and to utilize a direct fixation track method.

On motion to expedite Carl Street track replacement: Adopted: Ayes – Downey, Weaver and Wheeler (Absent – Ferrario, Riessen and Wieser)

7. **Carl and Willard Street Intersection and the Hillway and Carl Streets Intersection** (Discussion/Action) Tom Folks and Bryant Woo

   Tom Folks, Senior Engineer, stated that he has been corresponding with Joan Downey regarding her request to place special signs that say, "Cross Traffic Does Not Stop" at the Carl and Willard Streets intersection as well as at the Hillway and Carl Streets intersection. Mr. Folks stated that such signs were rare and would only be placed at high-density locations. The last accident reported to the SF Police Department involving those intersections in 2004 was resolved by establishing motorcycle parking. Both intersections have good safety histories. Mr. Folks stated that his recent study of those intersections indicates that the special signage is not warranted at this time.

8. **Vehicle and Station video taping protocols** (Discussion/Action) Ted Unaegbu

   Ted Unaegbu, Acting Director of Security, was not present for this item.

9. **Committee Members' Questions/Information Requests** (Discussion)

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: January 28, 2009, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - Maintenance and Repair plans for Historic Street cars and Breda Light Rail Vehicles (Discussion/Action) Elson Hao
    - Vehicle and Station video taping protocols (Discussion/Action) Ted Unaegbu

11. **Adjournment:** The meeting was adjourned at 5:38 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance & Safety Committee (EMSC)

Notice

Meeting for Wednesday, December 24, 2008

"Has Been Cancelled"

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cancelled

1 South Van Ness Avenue, Room 3075
San Francisco, California

Members:
Dan Weaver (Chairman), Steve Ferrario and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Greg Riessen, Norman Rolfe, Dorris Vincent, Daniel Weaver and Ruth Wheeler

Notes:

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, January 28, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey,
Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe,
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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, January 28, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of November 19, 2008** (Discussion/Action)	4:05
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Curb Cuts Policies at Passenger Loading Zones** (Discussion/ Action) Tom Folks	4:10
6.	**Vehicle and Station video taping protocols** (Discussion/Action) Ted Unaegbu	4:35
7.	**Capital Projects Budget changes and funding for the Central Subway Project Design** (Discussion/Action) John Funghi, Joel Goldberg and Lewis Ames	5:00
8.	**Maintenance and Repair plans for Historic Street Cars and Breda Light Rail Vehicles** (Discussion/Action) Elson Hao	5:25
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:45
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion) Tentatively scheduled for Wednesday, February 25, 2009, 425 Geneva Avenue, 2nd Floor, Room 244, San Francisco at 4:00 p.m.	5:55
11.	**Adjournment**	6:00

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, January 28, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1/28/09

1. **Call to Order/Roll Call**
   Chairman Weaver called the meeting to order at 4:03 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen and Daniel Weaver

   EMSC Members absent: Jamison Wieser

   SFMTA CAC Members not on this committee, but also present: Ruth Wheeler

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of November 19, 2008**
   On motion to adopt the minutes of November 19, 2008: Adopted
   Ayes–Ferrario, Riessen and Weaver. (Absent–Wieser)

4. **Report of the Chairman:** Dan Weaver

   Chairman Weaver stated that the EMSC meeting for February 25, 2009 will be located at the Green Division, 425 Geneva Avenue, San Francisco.

5. **Curb Cut Policies at Passenger Loading Zones** (Discussion/Action) Ricardo Olea

   Ricardo Olea, Engineer, Traffic and Engineering, stated that the SFMTA Parking and Traffic division handles permits for painting passenger loading zones. However, curb cuts are under the jurisdiction of the Department of Public Works (DPW). DPW and the Mayor's Office on Disability may require new building projects to include sidewalk changes for wheelchair accessible ramps.

6. **Vehicle and Station video taping protocols** (Discussion/Action) Ted Unaegbu and Emily Kretz

   Ted Unaegbu, Manager, Security Administration, and Emily Kretz, Supervisor, Video Surveillance Program, gave an overview of the video taping process. Ms. Kretz stated that recordings can be requested through the Sunshine Ordinance Task Force, after they are released by the San Francisco Police Department and vetted by the City Attorney.

7. **Capital Projects Budget changes and funding for the Central Subway Project Design** (Discussion/Action) John Funghi and Lewis Ames

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John Funghi, Project Manager, Central Subway Program, stated that the budget deficit has not affected the Central Subway Project. The federal government has set aside $762 million for the project. The Federal Transportation Administration (FTA) will be conducting a Risk Assessment Workshop in February 2009. The approval to enter into the final design stage is anticipated in October 2009.

Steve Ferrario stated that he heard that all New Starts federal funding is being directed to the Central Subway. Lewis Ames, Project Manager, Transportation Planning and Development, stated that he was not aware that New Starts federal funding was not available for other New Starts projects. Mr. Funghi stated that the FTA funding is not discretionary. Funding cannot be used for other City of San Francisco sponsored projects. If the Central Subway is not approved by the FTA, then the funding would be re-assigned to other federal New Starts projects.

8. **Maintenance and Repair plans for Historic Street Cars and Breda Light Rail Vehicles** (Discussion/Action) Elson Hao

   Elson Hao, Principle Engineer, Operations Engineering, stated that some of the historic cars were out of service due to water settling in the driver compartments. Four New Jersey historic cars have mechanical and electrical problems. Maintenance is expecting bids to fabricate outdated parts in February 2009. Rehabilitating the New Jersey cars will be followed by the overhaul of the Philadelphia (Morrison Knudson) cars.

   $18 million from the federal stimulus package will be used for BREDA harnesses, couplers, air supply units and compressors.

9. **Committee Members' Questions/Information Requests** (Discussion)

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: February 25, 2009, 425 Geneva Avenue, 2nd Floor, Room 244, San Francisco at 4:00 p.m.

    - Balboa Park Tour
    - Phasing in Muni Metro East and the future re-rail project at the Green Division
    - Geneva Historic Car Enclosure

11. **Adjournment:** The meeting was adjourned at 5:38 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

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Engineering, Maintenance & Safety Committee (EMSC)

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Notice of Regular Meeting and Agenda for Wednesday, February 25, 2009 at 4:00 p.m. 425 Geneva Avenue, 2nd Floor, Room 244 San Francisco, CA

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Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

Council Members not members of this Committee:
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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, February 25, 2009 at 4:00 p.m.
425 Geneva Avenue, 2nd Floor, Room 244
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of January 28, 2009** (Discussion/ Action)	4:05
4.	**Report of the Chairman** (Discussion/ Action)	4:07
5.	**Geneva Historic Car Enclosure** (Discussion/ Action) Lisa Chow	4:10
6.	**Phasing in of Muni Metro East and the future re-rail of the Green Division** (Discussion/ Action) John Byrd and Anthony Bryant	4:35
7.	**Balboa Park Tour** (Discussion/ Action) Frank Markowitz	5:00
8.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
9.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, March 25, 2009, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:55
10.	**Adjournment**	6:00

Disability Access

The meeting location is near the Balboa Park Station at 425 Geneva Avenue, in Conference Room 244, San Francisco. From the lobby, turn right into the hallway. Conference Room 244 is the last room down the hall on the right side.

The meeting location is wheelchair accessible. BART and the SFMTA's J-Church, K-Ingleside and M-Ocean View lines travel to the Balboa Park Station. Accessible SFMTA bus lines to the Balboa Park Station are the 9X 9AX 9BX, 26-Valencia, 29-Sunset, 36-Teresita, 43-Masonic, 49-Van Ness, 54-Felton and the 88-BART Shuttle. For more information about SFMTA accessible services, call 415-701-4485/TTY 415-701-4730.

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, February 25, 2009 at 4:00 p.m.
425 Geneva Avenue, 2nd Floor, Room 244
San Francisco, California

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1. **Call to Order/Roll Call**
   Chairman Weaver called the meeting to order at 4:00 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, Ruth Wheeler and Jamison Wieser.

   EMSC Members present but absent at Roll Call: Greg Riessen arrived at 4:01 p.m.

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe and Dorris Vincent.

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of January 28, 2009**
   On motion to adopt the minutes of January 28, 2009: Adopted
   Ayes – Ferrario, Riessen, Weaver, Wheeler and Wieser

4. **Report of the Chairman:** Dan Weaver

   No report was presented.

5. **Geneva Historic Car Enclosure** (Discussion/Action) Lisa Chow

   Lisa Chow, Project Manager, provided preliminary design drawings of the proposed car enclosure for the historic street cars. The contract of $6,935,000 was awarded to Shimmick Construction to perform final design and construction. The Notice to Proceed was issued in November 2008. Construction is expected to take place from January to December 2010. During construction, historic streetcars will be sheltered at the Muni Metro East facility.

6. **Phasing in of Muni Metro East and the future re-rail of the Green Division** (Discussion/Action) John Byrd

   John Byrd, Deputy Director, Rail Operations, stated that during the re-rail project at the Green Division, 80 trains will be moved to the Muni Metro East facility, with some trains stored at Sixth and King Streets. However, the budget deficit has resulted in a hiring freeze. To accommodate an 80 car operation, the MME maintenance staffing shortage must be resolved.

7. **Balboa Park Tour** (Discussion/Action) Frank Markowitz

1 South VAN NESS AVENUE- 7th Floor -SAN FRANCISCO-CA. 94103-5417
☎(415) 701-4666 FAX (415) 701-4502

Frank Markowitz, Senior Planner, Capital Planning, stated that the Balboa Park Station Capacity Study will develop "fast track" improvement projects consistent with the Better Neighborhoods Station Area Plan's long-term vision for the Balboa Park station and Green Division. The study will take into account SFMTA storage and maintenance needs for LRV and historic cars, the feasibility of proposed joint development projects from a real estate and design perspective, and how proposed projects will work with other potential usages. There will be a technical advisory committee with representatives from BART, Caltrans, the Department of Public Works, City College of San Francisco, and other organizations.

Steve Ferrario stated that decking over the Green Division yard with housing would not be feasible due to noise-pollution and vibration.

Mr. Ferrario stated that the rail fleet is growing. Before getting rid of transit properties, the SFMTA needs to identify where trains will be housed. Mr. Markowitz stated that the Balboa Park Station Capacity Study is looking at system and storage needs.

The EMSC departed for a tour of the Balboa Park Station and Green Division.

8. **Committee Members' Questions/Information Requests** (Discussion)

9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: March 25, 2009, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

   - Maintenance for historic streetcars

10. **Adjournment:** The meeting was adjourned at 6:20 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, March 25, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

90 325
25/09

1. **Call to Order / Roll Call**
   Chairman Dan Weaver called the meeting to order at 4:05 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent: Greg Riessen

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of February 25, 2009**

   On motion to adopt the minutes of February 25, 2009: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   (Absent – Riessen)

4. **Report of the Chairman:** Dan Weaver

   Chairman Weaver stated that the EMSC will be changing the regular meeting day to the third Wednesday of the month.

5. **Fix Masonic Petition Update:** Jessica Lynn Manzi

   Jessica Lynn Manzi, Associate Engineer, stated that the Fix Masonic group submitted a traffic calming application for the Masonic corridor from Geary Boulevard to Fell Street. Since the corridor overlaps the bicycle route network, the SFMTA anticipates adding a bicycle lane. Masonic Avenue is part of the bicycle Environmental Impact Statement/Environmental Impact Report. The Transportation Authority grant will be applied to the planning process, which is scheduled to begin in April 2009. Other funding sources would need to be identified for construction of the bicycle lane.

6. **Historic Fleet Maintenance:** Norbert Feyling and Trinh Nguyen

   Norbert Feyling, Electric Transit Assistant Supervisor, stated that while the maintenance crew for historic vehicles has been affected by attrition, they have maintained the daily car requirement for revenue service. Updating break shoes for the Milan cars has resulted in reduced maintenance hours, road calls and operator frustration. PCCs need major

rehabilitation. While Westinghouse parts are available, it is difficult to get General Electric (GE) parts. The Metro machine shop can fabricate discontinued parts. It may be necessary to convert GE propulsion systems to Westinghouse technology. Mr. Feyling reviewed a list of vehicles needing extensive repairs.

Trinh Nguyen, Senior Program Manager, Operations, reviewed the seven rehabilitation programs for the vintage fleet.

7. **Rail Maintenance Report:** John Byrd and Trinh Nguyen

John Byrd, Deputy Director, Rail Operations, stated that rail maintenance continues to exceed the daily requirement for revenue service. The combination of high and low platforms is problematic for LRV stairs. Maintenance is embarking on a campaign for sensitive edges. Trinh Nguyen, Senior Program Manager, Operations, stated that eight disabled LRVs require long-term repairs.

Mr. Byrd stated that historic cars will be moved to Municipal Metro East facility (MME) during the Geneva Historic Canopy Car Enclosure construction. The Green Division is scheduled to be re-railed in 2010. The MME needs mechanics. Ms. Nguyen stated that money from the Economic Stimulus Plan will be used to replace razor switches.

Ms. Nguyen stated that the SFMTA is seeking funding to purchase LRVs for Mission Bay and Central Subway. Steve Ferrario stated that street platforms should be low floor. Since Breda LRVs are obsolete, off-the-shelf low-floor cars should be purchased. Jamison Wieser stated that since the subway is crowded, the J-Church line should be converted to a surface line and serviced with low-floor cars.

Mr. Byrd stated that cable car on-time performance has improved from 50% to 70%. While NextBus is problematic for subway service, it is useful for cable car schedule issues.

8. **Schedule Upcoming Meetings and Agenda Items**

Next regular meeting: April 15, 2009, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

- Strollers and bicycle policies for BART and other transit systems.

9. **Adjournment**

The meeting was adjourned at 6:30 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, April 15, 2009, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

04-09-09A08:39 RCVD

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey,
Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe and Dorris Vincent.

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Municipal Transportation Agency, Citizens' Advisory Council

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☎(415) 701-4666 **FAX** (415) 701-4502

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, April 15, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of March 25, 2009** (Discussion/Action)	4:05
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Change the EMSC Regular Meeting Day** (Discussion/Action)	4:08
6.	**Rubber Tire Maintenance Report** (Discussion/Action) David Hill	4:10
7.	**Boarding Island and Shelter Maintenance Programs** (Discussion/Action) Jason Gallegos	4:30
8.	**Stroller and Bicycle Policies of the SFMTA and Other Transit Systems** (Discussion/Action) Paul Petersen	4:50
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, May 20, 2009, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:55
11.	**Adjournment**	6:00

Disability Access

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, April 15, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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4/15/09

1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:02 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent: Greg Riessen

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt Minutes of March 25, 2009**
   On motion to adopt the minutes of March 25, 2009: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   Absent – Riessen

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4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Change the EMSC Regular Meeting Day:**

   Chairman Weaver moved that the regular meeting day for the EMSC be changed to the third Wednesday of the month at 4:00 p.m.

   On motion to change the EMSC meeting date: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   Absent – Riessen

6. **Rubber Tire Maintenance Report:** David Hill

   David Hill, Deputy Director, Bus Operations, stated that the money from the federal stimulus program can only be used for maintenance/overhaul. Sixty Neoplan coaches have been identified for overhaul.

   Since Orion Bus Industries went out of business locating parts for their hybrid buses has become difficult. Bio diesel fuel has been problematic; fuel pump filters that normally last nine to ten months must be replaced every one to two weeks. Vehicles are in need of paint

due to the corrosive effect of chemicals used to remove graffiti. Fare boxes are obsolete; new technology can accommodate electronic and credit card payments.

Steve Ferrario stated that a reserve fleet is needed for post emergency responses to disasters. Mr. Hill stated that the Federal Transit Authority placed a 20 percent limit on reserve fleets consisting of vehicles purchased with grant money.

7. **Boarding Island and Shelter Maintenance Programs:** Jason Gallegos and Catherine Carr

   Catherine Carr, Manager, Clear Channel Outdoor, stated that Clear Channel cleans and maintains boarding islands and shelters on a biweekly basis. The operation includes removing gum and power washing. Repainting boarding island guardrails is being accomplished under a separate contract. A separate contract was negotiated to repainting boarding island guardrails. Documentation is available at sfbusshelter.com.

   Jason Gallegos, Principal Administrative Analyst, Real Estate, stated that five new shelters will be installed in April 2009. The final design, following public comment, will be ordered in June 2009. Solar roves will provide power for lighting; however, the technology has not advanced enough to power NextBus monitors. Electrically powered shelters can run NextBus monitors. Boarding islands will continue to have no power and therefore will not have NextBus monitors.

8. **Stroller and Bicycle Policies of the SFMTA and Other Transit Systems:** Paul Petersen

   Paul Petersen, Deputy Director, Safety and Training, stated that operators have discretion as to whether they would transport objects that may be hazardous and must be folded and stored. During rush hours, large objects, such as strollers, are treated as hazardous objects. Strollers could be permitted on vehicles with light passenger loads at the discretion of the operators. The stroller policy is available at sfmta.com.

9. **Committee Members' Questions/Information Requests:**

   Chairman Weaver requested information regarding the policy on non-service dogs during commute hours.

10. **Schedule Upcoming Meetings and Agenda Items:**

    Next regular meeting: May 20, 2009, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - The American Recovery and Reinvestment Act and Plans for Rail Rehabilitation and Overhaul
    - Update on Capital Projects Program
    - Stroller discussion

11. **Adjournment:** The meeting was adjourned at 5:55 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

05-12-09A10:58 RCVD

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, May 20, 2009, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

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Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey,
Griffith Humphrey, Cesar Perez, Norman Rolfe and Dorris Vincent.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, May 20, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of April 15, 2009** (Discussion/Action)	4:06
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Update on Capital Projects Program** (Discussion/Action) Carter Rohan	4:10
6.	**The Bike Plan and Legislative Projects** (Discussion/Action) Charles Rivasplata and Oliver Gajda	4:40
7.	**The American Recovery and Reinvestment Act and Plans for Rail Rehabilitation and Overhaul** (Discussion/Action) Trinh Nguyen	5:10
8.	**Strollers on Transit** (Discussion/Action)	5:40
9.	**Committee Members' Information Requests** (Discussion)	5:55
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion) Tentatively scheduled for Wednesday, June 17, 2009, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:57
11.	**Adjournment**	6:00

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, May 20, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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20/09

1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:08 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen and Daniel Weaver

   EMSC Members absent: Ruth Wheeler and Jamison Wieser

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None.

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3. **Adopt minutes of April 15, 2009:**
   On motion to adopt the minutes of April 15, 2009: Adopted
   Ayes – Ferrario, Riessen and Weaver
   Absent – Wheeler and Wieser

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Update on Capital Projects Program** (Discussion/Action) Ha Nguyen, Terrance Fahey and Fariba Mahmoudi

   Ha Nguyen, project manager, Capital Construction, Transportation Planning and Development, stated that the rail replacement project at St. Francis Circle will be awarded to a contractor in 2009. September 2010 is the estimated completion date of this project. The scope of work will include track replacement, a signal priority system and a boarding island with a platform that complies with the Americans with Disabilities Act.

   Terrance Fahey, civil engineer, Capital Construction, Transportation Planning and Development, stated that while there is not enough room to expand the boarding island for a three-car train because of the requirements for location of the handicapped elevated boarding area. The track circuitry will prevent trains from blocking the intersection. The tracks will be installed with the direct fixation method in order to minimize train traffic vibration.

   Fariba Mahmoudi, civil engineer, Project Management & Controls Section, Transportation Planning and Development, stated that the funds are for replacement work, so there could be no street redesign. Steve Ferrario expressed disappointment that staff is bypassing this opportunity to lengthen the stop to a three-car boarding island. Greg Riessen stated that other opportunities are available to make to St. Francis intersection more functional and

safer for streetcars, private vehicles, pedestrians and bicyclists. One of the alternative configurations would actually be constructed as part of an interim intersection during track replacement and could be made permanent.

Darton Ito, manager, Capital System Planning, Transportation Planning and Development, stated that the five-year Capital Improvement Program was adopted in June 2008. On August 2009, staff will present an update to the SFMTA Board on current projects. In December 2009, the staff will present a formal update, which would include new projects.

6. **The Bike Plan and Legislative Projects** (Discussion/Action) Oliver Gajda

Oliver Gajda, Bicycle Program manager, Transportation Planning and Development, stated that the Bike Plan includes filling in the gaps of the bicycle network, providing bike parking, increasing traffic enforcement and education, and improving access to transit and bridges. Staff has been refining 60 near-term bicycle projects. On Friday, May 29, 2009, the SFMTA will hold a public hearing on many of the proposed bicycle projects at City Hall. The final Environmental Impact Statement/Environmental Impact Report is scheduled to be certified by the San Francisco Planning Commission in June 2009. Staff will ask the SFMTA Board to approve the bicycle plan and approve the California Environmental Quality Act findings. There have been several community workshops. He also reviewed several long-term projects and funding sources. The Bike Plan is available at sfmta.com/bikeplan.

Dan Weaver moved the following recommendation:

> The SFMTA CAC recommends that the SFMTA approve the findings of the California Environmental Quality Act related to the bicycle plan Environmental Impact Statement/Environmental Impact Report, adopt the San Francisco Bicycle Plan and legislate the bicycle projects.

On motion regarding the San Francisco Bicycle Plan: Adopted
Ayes – Ferrario, Riessen and Weaver
Absent – Wheeler and Wieser

7. **The American Recovery and Reinvestment Act and Plans for Rail Rehabilitation and Overhaul** (Discussion/Action) Trinh Nguyen

Trinh Nguyen, senior program manager, Operations Management & Contract Administration, Muni Operations, stated that the SFMTA issued a Request for Proposals in May 2009 to rehabilitate five systems: 1) Door and Step, 2) Air Supply, 3) Automatic Coupler, 4) Articulation Wiring, and 5) Trailer Truck PCS-2 Cable. $15 million of this project will be funded with federal economic stimulus funds. The pre-proposal conference for this project is scheduled for May 27, 2009. Rehabilitation projects are listed at the SFMTA website.

The Transportation Authority has approved funding to repair eight vehicles damaged in accidents.

8. **Strollers on Transit** (Discussion/Action)

Chairman Weaver continued the item.

9. **Committee Members' Questions/Information Requests** (Discussion)

   None.

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: June 17, 2009, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - Capital projects update.
    - Format of capital projects quarterly report.

11. **Adjournment:** The meeting was adjourned at 6:00 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance & Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, June 17, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz and Dorris Vincent.

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Municipal Transportation Agency, Citizens' Advisory Council

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Government's duty is to serve the public, reaching its decisions in full view of the public. Commissions, boards, councils, and other agencies of the City and County exist to conduct the peoples' business. This ordinance assures that deliberations are conducted before the people and that City operations are open to the peoples' review.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday, June 17, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of May 20, 2009** (Discussion/Action)	4:05
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Format of the Capital Projects Quarterly Report** (Discussion/Action) Fariba Mahmoudi	4:08
6.	**Central Subway Update** (Discussion/Action) John Funghi	4:30
7.	**Mitigation of LRV Screeching Noises on Curved Tracks** (Discussion/Action)	5:00
8.	**Baby Stroller Policy** (Discussion/Action)	5:30
9.	**St. Francis Track Replacement** (Discussion/Action)	5:40
10.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
11.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/Action) Tentatively scheduled for Wednesday, July 15, 2009, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:55
12.	**Adjournment**	6:00

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Regular Meeting Minutes

Wednesday, June 17, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:04 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen, Daniel Weaver and Ruth Wheeler

   EMSC Members absent: Jamison Wieser

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of May 20, 2009**
   On motion to adopt the minutes of May 20, 2009: Adopted
   Ayes – Ferrario, Riessen, Weaver and Wheeler
   (Absent – Wieser)

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Format of the Capital Projects Quarterly Report** (Discussion/Action) Fariba Mahmoudi

   Fariba Mahmoudi, civil engineer, Project Management and Controls Section, Transportation Planning and Development, stated that the report summarizes the status of Transportation Planning and Development projects. She gave an overview on how to read the report. Chairman Weaver stated that each project should have a description with a summary about funding sources. Steve Ferrario stated that project delays and resulting implications to other city departments should be explained. Ms. Mahmoudi stated that the Planning Division would be purchasing software to improve project reporting.

6. **Central Subway Update** (Discussion/Action) Lewis Ames

   Lewis Ames, project manager, Central Subway Project, Transportation Planning and Development, presented the financial plan that included the current cost, SFMTA initiatives and approved measures in the 2010 budget. The budget was revised upwards to $1.5783 billion, which includes a contingency fund of $172 million. After the Federal Transit Administration risk assessment, completed in March 2009, the federal contribution was increased from $762 million to $942 million. Utilities relocation is scheduled to start in

January/February 2010. The project is expected to be completed and ready for revenue service by December 2018. While it is not expected that the state would renege on its obligation to the project over the next five years, plans could go forward despite stresses from funding sources being delayed.

7. **Mitigation of LRV Screeching Noises on Curved Tracks** (Discussion/Action)

Tom Kennedy, director, Maintenance of Way, Muni Operations, stated that the track system was designed with tight curves (45 to 60 degrees) that worked well for smaller and lighter-weight vehicles. However, Bredas are large heavy cars with solid axles. A crew greases curved tracks once a week. Effective grease products were discontinued because of environmental concerns. Staff is looking for funding to purchase solar-powered automatic radius greasers that would be installed on poles and connected underground to curved track areas.

8. **Baby Stroller Policy** (Discussion/Action)

Chairman Weaver stated that the stroller policy should point out differences in strollers and include guidelines about bringing strollers on transit during rush hours. Ruth Wheeler stated that the policy should be abolished. It should be up to parents to determine whether to leave children in or take them out of strollers. Steve Ferrario stated that should the Automatic Train Control System go into an emergency stop, the injury that could result to a baby in arms might be fatal. Also a runaway stroller could injure both the child and other passengers.

Ms. Wheeler agreed to write a recommendation for consideration at the next EMSC meeting.

9. **St. Francis Track Replacement** (Discussion/Action)

Steve Ferrario stated that moving the platform up West Portal would be a cost effective, yet easy solution for trains blocking the intersection. K-Ingleside and M-Ocean View trains could then be coupled at the St. Francis Circle, thereby increasing passenger throughput in the tunnel. The project should be designed for adaptability. Fariba Mahmoudi, civil engineer, Project Management and Controls Section, Transportation Planning and Development, stated that staff would consider moving the platform 40 feet. Chairman Weaver stated that an engineer told him that moving the platform towards 15th Avenue was against the Rail Design Policy. Ha Nguyen, project manager, Capital Construction, Transportation Planning and Development, explained that a platform boarding area or a crossover should not be placed on a hill, but rather on a flat surface. West Portal Avenue is on a curve and is steeper than normal. Ms. Mahmoudi stated that leveling the area would be costly. Drainage problems would need to be addressed.

Chairman Weaver stated that there was an interim design of the southwest corner of the St. Francis Circle intersection that would increase safety for bicyclists, pedestrians and streetcars by eliminating the uncontrolled right turning vehicles from eastbound Sloat to southbound Junipero Serra. Also, if the boarding platforms at the St. Francis Circle were to be moved back 40 feet, then sidewalks that lead from the intersection crosswalk to the boarding area should be left in place. Landscaping should be included in the design. Greg

Riessen suggested that the crossover be moved northeast towards 15th Avenue. Mr. Ferrario stated that an additional traffic signal on the M-Ocean View line, inbound before the intersection, is needed for safety.

Ms. Mahmoudi agreed to review comments from the EMSC with staff.

10. **Committee Members' Questions/Information Requests** (Discussion)

11. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: July 15, 2009, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

    - Recommendation regarding strollers
    - St. Francis Circle
    - Capital projects review

12. **Adjournment:** The meeting was adjourned at 6:15 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

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Engineering, Maintenance & Safety Committee (EMSC)

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Notice of Regular Meeting and Agenda
for
Wednesday, July 15, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, CA

Members:
Daniel Weaver (Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

Council Members not members of this Committee:
Daniel Murphy (Chairman), Mary Burns, Art Cimento, Joan Downey, Emily Drennen, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz and Dorris Vincent.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance & Safety Committee (EMSC)

Regular Meeting

Wednesday,
July 15, 2009 at 4:00 p.m.
1 South Van Ness Avenue, Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment**	4:03
3.	**Adopt Minutes of June 17, 2009** (Discussion/Action)	4:05
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Capital Projects Review** (Discussion/Action) Amit Ghosh	4:10
6.	**St. Francis Circle Track Replacement** (Discussion/Action) Fariba Mahmoudi and Ha Nguyen	4:40
7.	**Baby Stroller Policy** (Discussion/Action)	5:10
8.	**Committee Members' Questions/Information Requests** (Discussion)	5:30
9.	**Schedule Upcoming Meetings and Agenda Items** (Discussion/ Action) Tentatively scheduled for Wednesday, August 19, 2009, 1 South Van Ness Avenue, Conference Room 3075 at 4:00 p.m.	5:35
10.	**Adjournment**	5:40

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Regular Meeting Minutes

Wednesday, July 15, 2009, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:12 p.m.

   EMSC Members present at Roll Call: Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent: Steve Ferrario

   SFMTA CAC Members, not on this committee, but also present: Mary Burns and Norman Rolfe

2. **Public Comment:** None

3. **Adopt Minutes of June 17, 2009:**
   On motion to adopt the minutes of June 17: Adopted
   Ayes – Weaver, Wheeler and Wieser
   (Absent – Ferrario and Riessen)

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4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Capital Projects Review** (Discussion/Action) Frank Markowitz

   Greg Riessen arrived at 4:16 p.m.

   Frank Markowitz, senior planner, Transportation Planning and Development, stated that while the Capital Improvement Plan (CIP) is a two-year document, the SFMTA Board requested a one-year update due to changes in the economy, new funding sources, and delays in some of the funding sources. The SFMTA will need to make decisions to defer some projects.

   While ninety percent of the Central Subway project is funded, there remains a $164 million funding gap. The Transit Effectiveness Project, the Geary Bus Rapid Transit project, the Better Streets Plan and the Bike Plan are underfunded. Rehabilitation of the light rail vehicles is funded through the American Recovery and Reinvestment Act, but the rehabilitation of motor coaches is underfunded.

   The list of current projects with their prioritization scores will be presented to the Board for approval on September 15. Following the Board's approval of the projects, the prioritization method will be changed. Projects will be evaluated on financial and environmental sustainability. The revised five-year CIP will go to the Board for adoption in June 2010.

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6. **Saint Francis Circle Track Replacement** (Discussion/Action) Terrance Fahey and Ha Nguyen

   Terrance Fahey, civil engineer, Capital Construction, Transportation Planning and Development, responded to the EMSC's proposed changes to the platform design and traffic patterns at the Saint Francis Circle. He stated that there is not enough room to expand the low-boarding platform to accommodate a three-car train without eliminating parking. In addition, lengthening the platform would increase the distance for disabled people to get to get to the ramp by 100 feet. The platform, as designed, will be moved 50 feet northward from its present location. NextBus will be provided. The tracks will be fastened to a concrete slab in order to minimize vibration. The crossover is being moved 160 feet northeast from its current location.

   Ha Nguyen, project manager, Capital Construction, Transportation Planning and Development, stated that outreach meetings will be scheduled between August and September 2009. Construction is scheduled to start in June 2010.

   Chairman Weaver asked about the possibility of permanently closing the Sloat Boulevard/West Portal intersection. Mr. Fahey stated that the proposal to close the intersection was rejected by the Parking and Traffic Division; however, he will request reconsideration.

7. **Baby Stroller Policy** (Discussion/Action)

   Ruth Wheeler stated that the Baby Stroller Policy needs to be more discernable on the SFMTA Web site.

   Ruth Wheeler moved the following recommendation:

   The SFMTA CAC recommends that the SFMTA post the Baby Stroller Policy at all Muni Metro stations and on the SFMTA Web site.

   The SFMTA CAC further recommends that the Baby Stroller Policy be revised as follows:

   1. It is the parent's decision as to whether the child is safer in the stroller or being held by the parent, as the parent would know the capabilities the particular stroller that he/she is bringing on board the vehicle.
   2. If the child is left in the stroller:
      a. The stroller must have brakes. If it is a stroller without brakes, it must be folded up, and the child must be held by the parent.
      b. The child must be strapped down or belted within the stroller.
      c. Whether sitting or standing, the parent must keep one hand on the stroller to prevent it from moving in the event of sudden stops.
   3. Strollers will only be allowed on vehicles and trains when there is room. Travel during commute hours (weekdays 5 to 9 a.m. and 3 to 7 p.m.) is discouraged (and may be refused) and restricted to only those transit vehicles without crowding issues.

4. Strollers cannot block the pathway of people moving to and from the exits at anytime. It is recommended and permissible to fold up the seats in the wheelchair securement area for strollers, provided there are no wheelchair customers needing the space or passengers needing seats.
5. Strollers are not allowed on station escalators.

On motion to revise the Baby Stroller Policy: Adopted
Ayes – Riessen, Weaver, Wheeler and Wieser
(Absent – Ferrario)

8. **Committee Members' Questions/Information Requests** (Discussion)
9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: August 19, 2009, at 4 p.m.
   1 South Van Ness Avenue, Room 3075

   - Automatic Train Control System
   - Allocation of American Recovery and Reinvestment Act funding
   - Saint Francis Circle Track Replacement update
10. **Adjournment:** The meeting was adjourned at 5:38 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Notice of Regular Meeting and Agenda
for
Wednesday, August 19, 2009, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz, Susan Vaughan and Dorris Vincent.

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City & County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)
Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting

Wednesday, August 19, 2009, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	4:03
3.	**Adopt Minutes of July 15, 2009** (Discussion/Action)	4:05
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Capital Projects** (Discussion/Action) Carter Rohan	4:10
6.	**St. Francis Circle Track Replacement** (Discussion/Action) Al Herce	4:40
7.	**Allocation of American Recovery and Reinvestment Act Funding** (Discussion/Action) Lome Aseron	5:10
8.	**Brookville/PCC Rehabilitation Project** (Discussion/Action)	5:35
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion) Next regular meeting: Wednesday, September 16, 2009, at 4 p.m. 1 South Van Ness Avenue, Conference Room 3075	5:55
11.	**Adjournment**	6:00

Disability Access

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, August 19, 2009, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:03 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent: Greg Riessen

   SFMTA CAC Members, not on this committee, but also present: Norman Rolfe

2. **Public Comment:**
   John Diamante, Threshold Environmental Center, stated that many of the capital-intensive projects were obsolete or needed updating to support clean mobility and low carbon emissions, reduce car levels and encourage transit. He urged the CAC to look at the budget, the capital projects and how the money can best be used.

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3. **Adopt Minutes of July 15, 2009:**
   On motion to adopt the minutes of July 15: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   (Absent – Riessen)

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Capital Projects Review** (Discussion/Action) Carter Rohan, David Hoppers, Neil Poling, Margurite Fuller, Henry Kim and Fariba Mahmoudi

   Carter Rohan, senior director, Transportation Planning and Development, discussed the status of repair efforts for LRVs. He stated that staff is leveraging a variety of funding sources to cover renovation costs.

   Neil Poling, senior associate, Booz Allen Hamilton, stated that $11 million from ARRA was identified to upgrade the fare collection system to TransLink technology. Subway fare gates will be replaced with a system capable of using TransLink smart card technology. Forty TransLink Vending Machines (TVM) will be installed to accept credit card, debit card or cash payments for TransLink plastic and paper smart card purchases. The software investment to refurbish the bus fare boxes with TransLink is being leveraged to benefit the entire system. David Hoppers, deputy project manager, Auriga Corporation, stated that customers will be

able to access TransLink balances on TVMs and a Website being developed by Cubic Transportation Systems. BART will retain separate machines at joint-agency stations.

The EMSC urged staff to establish a fare collection system based on the TransLink technology that is as seamless and flexible as possible. The new fare instrument system should be as good as the current state-of-the-art London Oyster Card system as possible, given TransLink constraints.

Margurite Fuller, manager, Capital Fund Programming, stated that in March, the Metropolitan Transportation Commission (MTC) requested infrastructure and rehabilitation transit projects that were "shovel ready." The SFMTA executive team provided MTC with a list of prioritized projects to be funded by the American Recovery and Reinvestment Act (ARRA). The focus was on high-priority projects that were difficult to fund, such as vehicle rehabilitation, facility and preventive maintenance. The SFMTA was awarded $67 million in ARRA funding. (Funds for wrecked LRVs are not eligible for federal money.) The Inner Sunset Traffic Calming program for $343,000 and the Pedestrian Countdown Signals program for $389,000 are pending approval. The SFMTA is waiting to hear from the Federal Transportation Authority regarding applications for $23 million for the SF*go* project and $6 million for the SF*park* project. SFMTA IT is identifying potential broadband projects for ARRA funding. Central Subway did not qualify for ARRA money because it was not "shovel ready."

6. **Saint Francis Circle Track Replacement** (Discussion/Action) Al Herce and Ha Nguyen

Al Herce, civil engineer, Capital Construction, Transportation Planning and Development, stated that traffic counters recorded 500 vehicles per hour during peak hours passing through the eastbound Sloat intersection at southbound Junipero Serra. Eastbound vehicles traveling straight onto St. Francis Boulevard or left onto Portola Drive, during peak hours, averaged another 500 per hour. For that reason, the Parking and Traffic Division decided against closing the eastbound Sloat intersection to right-turning vehicles onto southbound Junipero Serra due to high traffic volume. Mr. Herce pointed out that deleting the right turn could endanger 23 Monterey Line customers because of anxious motorists. The Parking and Traffic Division felt that it was safer to keep the right turn, signalize the pedestrian crossing and provide traffic signals at the rail crossing. Mr. Herce will evaluate the situation when the intersection is reconfigured during construction to see what the impact will be of not having the dedicated right turn lane onto Junipero Serra. Ha Nguyen, project manager, Capital Construction, Transportation Planning and Development, stated that the project was expected to be advertised for bids in September. A community outreach meeting has been scheduled for September 17.

7. **Allocation of American Recovery and Reinvestment Act Funding (ARRA)** (Discussion/Action)

Lome Aseron, contracts manager, Contract Compliance Office, stated that $38 million of the $67 million ARRA funding has been put out to bid for various projects, including:

- Automatic Train Control System Inductive Loop Cable
- Bus Yard Work Station Replacement

- Capital Planning and Grant Management Applications
- Motor-Coach Component Lifecycle Rehabilitation
- Miscellaneous Preventive Maintenance of Track Switches
- Central Control and Communications Interim Line Management Center

Fare collection equipment is being replaced as part of the TransLink contract. Infrastructure and facility, enhancement and maintenance will be done under a Job Order Contract. Preventive maintenance will be done by SFMTA staff. Supplemental preventive maintenance funds are waiting to be allocated, but the work will likely be completed by SFMTA staff.

8. **Brookville/PCC Rehabilitation Project** (Discussion/Action)

   Chairman Weaver tabled Item #8 because the project was approved by the San Francisco Board of Supervisors on August 18.

9. **Committee Members' Questions/Information Requests** (Discussion)

   Steve Ferrario requested more information about two of the expense items on the list of projects for the ARRA fund: 1) change machines, and 2) replacement of fare collection equipment.

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)·

    Next regular meeting: September 16, 2009, at 4 p.m.
    1 South Van Ness Avenue, Conference Room 3075
    - Capital Projects Quarterly Report
    - Inner Sunset Traffic Calming Project and the Concourse Garage
    - Eureka Tunnel Update
    - Geneva Shed Update
    - Changing the Capital Planning process
    - Central Control facility

11. **Adjournment:** The meeting was adjourned at 6:22 p.m.

    Respectfully submitted by:
    Debra J. Reed
    SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Notice of Regular Meeting and Agenda
for
Wednesday, September 16, 2009, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz, Susan Vaughan and Dorris Vincent

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The SFMTA CAC may be contacted as follows:
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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)
Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting

Wednesday, September 16, 2009, at 4 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment** Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	4:03
3.	**Adopt Minutes of August 19, 2009** (Discussion/Action)	4:05
4.	**Report of the Chairman** (Discussion/Action)	4:07
5.	**Capital Projects Quarterly Report** (Discussion/Action) Fariba Mahmoudi	4:10
6.	**Inner Sunset Traffic Calming Project and the Concourse Garage** (Discussion/Action) Manito Velasco	4:40
7.	**Geneva Historic Car Enclosure Update** (Discussion/Action) Lisa Chow	5:10
8.	**Eureka Portals and the Subway Tunnel Connection** (Discussion/Action) Lisa Chow and John Brandenberg	5:35
9.	**Committee Members' Questions/Information Requests** (Discussion)	5:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion) Next regular meeting: Wednesday, October 21, 2009, at 4 p.m. 1 South Van Ness Avenue, 3rd Floor, Conference Room 3075	5:55
11.	**Adjournment**	6:00

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (SFMTA CAC)

Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting Minutes

Wednesday, September 16, 2009, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:02 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen, Daniel Weaver, Ruth Wheeler and Jamison Wieser

2. **Public Comment:** None

3. **Adopt Minutes of August 19, 2009:**
   On motion to adopt the minutes of August 19: Adopted
   Ayes – Ferrario, Riessen, Weaver, Wheeler and Wieser

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Capital Projects Quarterly Report** (Discussion/Action) Fariba Mahmoudi

   Fariba Mahmoudi, deputy of the Project Management and Engineering Section, Transportation Planning and Development, stated that as of September 21, the Transportation Planning and Development Division will be reorganized into two separate divisions: Capital Programs and Construction and Sustainable Streets. The Capital Programs and Construction Division's Quarterly Report will be revised to focus on projects that are currently in the Conceptual Engineering Report, in the design phase or are in construction. Wrecked vehicle repairs and rehabilitation projects will be part of the Capital Programs and Construction Division, but some of the projects will remain with the Transit Division. Separate reporting methods will be determined for Sustainable Streets projects.

   Steve Ferrario stated that the Quarterly Report should include project histories (more than six months). Ms. Mahmoudi stated that while the report may not reflect the full history of each project, the pages provide as much data as possible, including approved budget, schedules, etc. Mr. Ferrario stated that there should be two date lines referenced in the report: one indicating when the CAC or its committees were briefed on a project and the other showing when the SFMTA Board was briefed. Ms. Mahmoudi will talk to Senior Director Carter Rohan about the suggestion.

   Mr. Ferrario stated that projects are coming out of nowhere, bypassing the CAC and going before the SFMTA Board. CAC needs to be briefed on projects before they are presented to

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the Board. Projects should be brought to the CAC early and frequently during development, as a formal check-off.

Peter Gabancho, project manager, Transportation Planning and Development, stated that the SFMTA Board approved advertising the Islais Creek project. Due to costs, the project has been divided into two phases. One phase will be for bus parking, a fuel and wash facility and shoreline improvements. The second phase will be for the operations and maintenance building. Security will include fencing along the shoreline and along the access route with a closed-circuit television camera system and lighting throughout. Clean construction efforts include minimizing dust, as well as utilizing tarp covers and additional inspectors when appropriate. Staff is working on a mitigation plan with the Bay Conservation Development Commission and the Army Corp of Engineers to clean the shoreline and add landscaping. An encroachment permit from Caltrans, allowing work under the 280 Freeway's right-of-way, is pending. Ms. Mahmoudi stated that Phase 1 has been funded with San Francisco County Transportation Authority and federal money. The cost estimate for Phase 2 will be determined by available funding. The project did not qualify for ARRA funding.

6. **Inner Sunset Traffic Calming Project and the Concourse Garage** (Discussion/Action) Jerry Robbins and Dan Provence

Ruth Wheeler stated that traffic congestion along Lincoln Way, Ninth Avenue and Martin Luther King Jr. Drive is the result of Golden Gate Park visitors searching for parking. Signs should be placed at all of the intersections along the park's perimeter informing visitors of the UCSF parking facility. Jerry Robbins, transportation planning manager, Sustainable Streets, stated that staff has been working with the Concourse Garage operator to improve signage. Signs have been placed along Fell and Stanyan streets to direct visitors to the UCSF parking garage. Staff is considering installing an electronic sign on Fell Street near Divisadero Street to indicate when parking is limited.

Dan Provence, project manager, Traffic Calming, Sustainable Streets, reviewed proposed traffic calming and bike lane projects for the Inner Sunset area. The SFMTA Board approved advertising the project. Construction is expected to begin by early 2010.

7. **Geneva Historic Car Enclosure Update** (Discussion/Action) Lisa Chow

Lisa Chow, project manager, Transportation Planning and Development, provided a project update. The SFMTA executed the contract with Shimmick Construction using the design-build method. As such, Shimmick hired a consultant who began the final design in November 2008 and then submitted the drawings to Department of Building Inspection for approval. Major construction of the car enclosure and associated elements is scheduled to begin in December 2009. The F line will continue to operate from the Geneva Yard during the ten-month construction period.

8. **Eureka Portals and the Subway Tunnel Connection** (Discussion/Action) John Brandenberg

   John Brandenberg, job order contracting coordinator/supervisor, Transportation Planning and Development, stated that the Board of Supervisors Office and members of the community asked that a new fence be erected around the Eureka Portals. Powers Engineering is the identified contractor for the fence. Staff is seeking funding of $360,000. Lisa Chow, project manager, Transportation Planning and Development, stated that the 2004 study focused on strengthening the portals; the connector tunnel was not included in the report. Steve Ferrario stated that the portals, constructed by Muni, were not part of the BART contract. Those portals and the connection between the Metro Subway and the Twin Peaks Tunnel have deteriorated. An earthquake could potentially cause serious damage and disrupt service to West Portal. Fariba Mahmoudi, deputy of the Project Management and Engineering Section, Transportation Planning and Development, stated that the tunnel is visually inspected every two years. Beyond the study, there is no funding for ameliorating the damage.

9. **Committee Members' Questions/Information Requests** (Discussion)

10. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

    Next regular meeting: October 14, 2009, at 3 p.m.
    1 South Van Ness Avenue, Conference Room 3075

    - Boarding island and shelter maintenance contract
    - The subway tunnel connection at Market Street
    - Daily Operations Report - format and accessibility
    - Geary and Van Ness Bus Rapid Transit projects

11. **Adjournment:** The meeting was adjourned at 5:58 p.m.

    Respectfully submitted by:
    Debra J. Reed
    SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Notice of Regular Meeting and Agenda
for
Wednesday, October 14, 2009, at 3 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)
Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting

Wednesday, October 14, 2009, at 3 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	3:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	3:03
3.	**Adopt Minutes of September 16, 2009** (Discussion/Action)	3:05
4.	**Report of the Chairman** (Discussion/Action)	3:07
5.	**Central Control improvements and Line Management Center** (Discussion/Action) Jim Kelly	3:10
6.	**Tunnel connections between Market Street Tunnel and Twin Peaks Tunnel** (Discussion/Action) John Sadorra	3:40
7.	**Daily Operations Report, accidents and line delays and accessibility of the format** (Discussion/Action) David Hill	4:10
8.	**Van Ness and Geary Bus Rapid Transit** (Discussion/Action) Paul Bignardie	4:40
9.	**Committee Members' Questions/Information Requests** (Discussion)	4:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion) Next regular meeting: Wednesday, November 18, 2009, at 3 p.m. 1 South Van Ness Avenue, 3rd Floor, Conference Room 3075	4:55
11.	**Adjournment**	5:00

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Regular Meeting Minutes

Wednesday, October 14, 2009, at 3 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 3 p.m.

   EMSC Members present at Roll Call: Steve Ferrario Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC members absent: Greg Riessen

   SFMTA CAC members, not on this committee, but also present: Joan Downey

2. **Public Comment:** None

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3. **Adopt Minutes of September 16, 2009:**
   On motion to adopt the minutes of September 16: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   Absent – Riessen

4. **Report of the chairman:** Dan Weaver

   No report.

5. **Central Control improvements and Line Management Center** (Discussion/Action) Jim Kelly

   Jim Kelly, senior operations manager, Central Control, Transit, stated that there are fewer street inspectors due to the budget. An interim line management center will be built at One South Van Ness Avenue to manage Muni using NextBus technology and a new radio system. A permanent cite will be established. Funding from the American Recovery and Reinvestment Act has been identified. Chairman Weaver stated that the project should be expanded to include communications with taxis and SF*go*. Steve Ferrario stated that the Central Control facility and the line management center should be located in proximity to the SFMTA leadership.

6. **Tunnel connections between Market Street Tunnel and Twin Peaks Tunnel** (Discussion/Action) Kenny Ngan and Fariba Mahmoudi

   Kenny Ngan, civil engineer, Capital Construction, reviewed the conditions of the tunnel connections. Fariba Mahmoudi, deputy of the Project Management and Engineering Section, Transportation Planning and Development, stated that funding for the water abatement project has been identified. Mr. Ngan stated that staff is working to secure additional funds.

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7. **Daily Operations Report, accidents and line delays and accessibility of the format** (Discussion/Action) Charles Belov

   Charles Belov, webmaster, Information Technology, stated that, while the format for the Daily Operations Report may not be suitable for data manipulation, but it is accessible. Mr. Belov suggested inviting Gina Tomlinson, deputy director, Information Technology, to further discuss the Daily Operations Report format. Item #7 was continued.

8. **Van Ness and Geary Bus Rapid Transit** (Discussion/Action) Paul Bignardi

   Paul Bignardi was not present. Item #8 was continued.

9. **Committee members' questions/information requests** (Discussion)

10. **Schedule upcoming meetings and agenda items** (Discussion/Action)

    Next regular meeting: Monday, November 29, 2009, at 3 p.m.
    1 South Van Ness Avenue, Conference Room 3075

11. **Adjournment:** The meeting was adjourned at 5:38 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)

Engineering, Maintenance and Safety Committee (EMSC)

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Notice of Regular Meeting and Agenda
for
Monday, November 9, 2009, at 3 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz, Susan Vaughan and Dorris Vincent

Notes:

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council (CAC)
Engineering, Maintenance and Safety Committee (EMSC)

Regular Meeting

Monday, November 9, 2009, at 3 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	3:00
2.	**Public Comment** Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	3:03
3.	**Adopt Minutes of October 15, 2009** (Discussion/Action)	3:05
4.	**Report of the Chairman** (Discussion/Action)	3:07
5.	**Tour of the Operations Central Control Interim Line Management Center at 1 South Van Ness Avenue, Room 8101, San Francisco** (Discussion/Action) Jim Kelly	3:10
6.	**Daily Operations Report** (Discussion/Action) Gina Tomlinson	3:40
7.	**Van Ness and Geary BRT** (Discussion/Action) Paul Bignardie	4:10
8.	**Transit shelter and boarding island maintenance** (Discussion/Action) Jason Gallegos	4:35
9.	**Committee Members' Questions/Information Requests** (Discussion)	4:50
10.	**Schedule Upcoming Meetings and Agenda Items** (Discussion)	4:55
11.	**Adjournment**	5:00

Disability Access

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Notice of Regular Meeting and Agenda
for
Monday, November 9, 2009, at 3 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance and Safety Committee

Regular Meeting

Monday, November 9, 2009, at 3 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	3:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	3:03
3.	**Adopt Minutes of October 15, 2009** (Discussion/Action)	3:05
4.	**Report of the Chairman** (Discussion/Action)	3:07
5.	**Van Ness and Geary BRT** (Discussion/Action) Paul Bignardie	3:10
6.	**Transit shelter and boarding island maintenance** (Discussion/Action) Jason Gallegos	3:40
7.	**Committee Members' Questions/Information Requests** (Discussion)	4:10
8.	**Schedule Upcoming Meetings and Agenda Items** (Discussion)	4:15
9.	**Adjournment**	4:20

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Regular Meeting Minutes

Monday, November 9, 2009, at 3 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 3:02 p.m.

   EMSC Members present at Roll Call: Daniel Weaver, Greg Riessen and Ruth Wheeler

   EMSC Members absent: Steve Ferrario and Jamison Wieser

2. **Public Comment:** None

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3. **Adopt Minutes of October 19, 2009:**
   The minutes were continued.

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Van Ness and Geary BRT** (Discussion/Action) Paul Bignardie

   Paul Bignardie, senior planner, Sustainable Streets, stated that the Bus Rapid Transit (BRT) projects are focused on transit-only lanes and signal priority serviced by low-floor articulated buses. The Federal Transit Authority funded $75 million of the costs, and the remainder of the money will be provided by the Metropolitan Transportation Commission and other local sources.

   Mr. Bignardie reviewed four BRT lane designs proposed for the Van Ness corridor. The $66 million project will include exclusive lanes, "green" platforms, vintage style poles for overhead wiring and articulated trolley coach procurement. The draft Environmental Impact Statement/Environmental Impact Report (EIR) is due in summer 2010. Revenue service is expected for 2014. The Van Ness BRT line will be partnered with the 47 Van Ness and the 49 Mission-Van Ness lines for corridor service every 3 or 4 minutes. The BRT will service stops along the Van Ness corridor, Mission Street and Ocean Avenue. Trips along Townsend Street to Caltrain are still under consideration. Local and limited services and downtown express trips will continue.

   The SFMTA partnered with the San Francisco County Transportation Authority (CTA) on the BRT project for the Geary corridor, but the CTA is the environmental lead that made the deal with the contractor. CTA set up the schedule, the timeline and how much resources they will invest into the project. Once the project passes the EIR, the SFMTA will take over the project and its design. The $75 to $100 million Geary BRT project will include procurement of articulated buses similar to Nabis and Hybrid vehicles. While there is no

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overhead wiring infrastructure on Geary, there is enough room to include rail ready features. (Van Ness was not wide enough for rail). The Geary BRT will supplement the 38 Geary line's local, limited and downtown express services. The Geary BRT is scheduled a year following the Van Ness BRT construction.

6. **Transit shelter and boarding island maintenance** (Discussion/Action) Jason Gallegos and Catherine Carr

   Jason Gallegos, civil engineer, Real Estate Contracts, Finance and Information Technology Division, stated that costs to maintain boarding islands and shelters have grown due to wear and tear of structures. Maintenance and repair costs outside of the scope of the Agreement would have to be absorbed by either a reduction in revenues received from the Transit Shelter Advertising Contract or the operating budget. This action would require re-negotiations with Clear Channel and consequently a contract amendment. Any contract amendments require the approval of the SFMTA Board and the Board of Supervisors. This is not a recommended action at this time. Fare machines are serviced by maintenance. The new shelters will be less costly to maintain. Catherine Carr, manager, Street Furniture Transit, ClearChannel, stated that while some properties do not clean well due to age, shelters and boarding islands are serviced twice weekly. ClearChannel responds to 311 complaints. Damaged signs and rails are reported to maintenance.

7. **Committee Members' Questions/Information Requests** (Discussion)

8. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: January 11, 2010, at 4 p.m.
   1 South Van Ness Avenue, Conference Room 3075

9. **Adjournment:** The meeting was adjourned at 5:31 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Notice

The Meeting for Wednesday, December 23, 2009

"Has Been Cancelled"

1 South Van Ness Avenue, Room 3075
San Francisco, California

Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz, Susan Vaughan and Dorris Vincent

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Notice of Regular Meeting and Agenda
for
Monday, January 25, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance and Safety Committee

Regular Meeting

Monday, January 25, 2010, at 4 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	4:03
3.	**Adopt minutes of October 14 and November 9, 2009** (Discussion/Action)	4:05
4.	**Report of the chairman** (Discussion/Action)	4:07
5.	**Tour of the Line Management Center** (Discussion/Action) Jim Kelly	4:10
6.	**Daily Operations Report, accidents and line delays and accessibility of the format** (Discussion/Action) Gina Tomlinson	5:10
7.	**Church and Duboce Rail Replacement Project** (Discussion/Action) Ming Gu	5:30
8.	**Committee members' questions/information requests** (Discussion)	5:50
9.	**Schedule upcoming meetings and agenda items** (Discussion) Next regular meeting: Wednesday, February 10, 2010, at 4 p.m. 1 South Van Ness Avenue, 3rd Floor, Conference Room 3075	5:55
10.	**Adjournment**	6:00

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Minutes

Monday, January 25, 2010, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:00 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent at Roll Call: Greg Riessen

2. **Public Comment:** None

3. **Adopt minutes of October 14 and November 9, 2009:**
   On motion to adopt the minutes of October 14, 2009: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   Absent – Riessen

   On motion to adopt the minutes of November 9, 2009: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   Absent – Riessen

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4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Tour of the Line Management Center** (Discussion/Action)

   Jim Kelly, senior operations manager, Central Control, Transit Division, was unable to attend.

6. **Daily Operations Report, accidents and line delays and accessibility of the format** (Discussion/Action)

   Gina Tomlinson, deputy director/CIO, Finance and Information Technology Division, was unable to attend.

7. **Church and Duboce Rail Replacement Project** (Discussion/Action) Ming Gu

   Greg Riessen arrived at 4:13 p.m.

   Ming Gu, project manager, Capital Programs & Construction Division, stated that the project will replace worn tracks along Duboce between Noe and Church and along Church between Duboce and Market. The project will include replacing components of the Overhead

Catenary System, the track switch control and signal system. Boarding island improvements will be made to accommodate two car trains and power for NextBus. Streetscape enhancements will include custom designed guardrails, seating planters and streetlights. The Public Utilities Commission will coordinate work on the residential sewer and water mains. The Department of Public Works will repave streets and build bulb-outs with new curb ramps.

The Church and Duboce Rail Replacement Project contract will be advertised in April. Construction, beginning in fall of 2010, is expected to be completed in fall of 2012.

8. **Committee Members' Questions/Information Requests** (Discussion)

   None.

9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: February 8, 2010, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

   - Eureka portal project (esthetic and seismic elements) Kenny Ngan
   - Tour of Line Management Center
   - Select a day for meetings 2nd Mondays.
   - Future LRV purchases - Low versus high boarding vehicles Elson Hao
   - Capital Budget plan (in March) score projects
   - Weaver wants stroller brought before CAC w City Attorney on liability (in March).

10. **Adjournment:** The meeting was adjourned at 6:00 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

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Municipal Transportation Agency
Citizens' Advisory Council

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Engineering, Maintenance and Safety Committee

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Monday, February 8, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

CAC members that are not members of this committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Griffith Humphrey, Cesar Perez, Norman Rolfe, Janel Sterbentz, Susan Vaughan and Dorris Vincent

Notes:

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The SFMTA CAC may be contacted as follows:
The San Francisco Municipal Transportation Agency, Citizens' Advisory Council
One South Van Ness Avenue, Seventh Floor, San Francisco, CA. 94103-5417
☎ 415.701.4666 FAX 415.701.4502

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance and Safety Committee

Regular Meeting

Monday, February 8, 2010, at 4 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	4:03
3.	**Adopt minutes of January 25, 2010** (Discussion/Action)	4:05
4.	**Report of the chairman** (Discussion/Action)	4:07
5.	**Tour of the Line Management Center** (Discussion/Action)	4:10
6.	**Eureka Tunnel Project** (Discussion/Action)	5:10
7.	**Future vehicle procurement - low versus high boarding rail vehicle** (Discussion/Action)	5:30
8.	**Establishing a regular meeting day and time for meetings of the Engineering, Maintenance and Safety Committee** (Discussion/Action)	5:45
9.	**Committee members' questions/information requests** (Discussion)	5:50
10.	**Schedule upcoming meetings and agenda items** (Discussion) Next regular meeting: Wednesday, February 10, 2010, at 4 p.m. 1 South Van Ness Avenue, 3rd Floor, Conference Room 3075	5:55
11.	**Adjournment**	6:00

Disability Access

This meeting will be held at 1 South Van Ness Avenue, Conference Room 3075, San Francisco. From the first floor lobby, take the elevator to the third floor.

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Notice of Special Meeting and Agenda
for
Monday, March 8, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

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CAC members that are not members of this committee:
Daniel Murphy (CAC Chairman), Mary Burns, Art Cimento, Joan Downey, Griffith Humphrey, Cesar Perez, Janel Sterbentz, Susan Vaughan and Dorris Vincent

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Citizens' Advisory Council
Engineering, Maintenance and Safety Committee

Special Meeting

Monday, March 8, 2010, at 4 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	4:03
3.	**Adopt minutes of January 25, 2010** (Discussion/Action)	4:05
4.	**Report of the chairman** (Discussion/Action)	4:07
5.	**FY11/12 Capital Budget** (Discussion/Action)	4:10
6.	**19th Avenue Corridor** (Discussion/Action)	4:45
7.	**Establishing a regular meeting day and time for meetings of the Engineering, Maintenance and Safety Committee** (Discussion/Action)	5:15
8.	**Committee members' questions/information requests** (Discussion)	5:20
9.	**Schedule upcoming meetings and agenda items** (Discussion) Next regular meeting: Wednesday, April 28, 2010, at 4 p.m. 1 South Van Ness Avenue, 3rd Floor, Conference Room 3075	5:25
10.	**Adjournment**	5:30

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Minutes

Wednesday, March 8, 2010, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:06 p.m.

   EMSC Members present: Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent: Steve Ferrario and Greg Riessen

2. **Public Comment concerning any issue within the jurisdiction of the Council and not noted on the agenda:** None

3. **Adopt minutes of January 25, 2010:**
   On motion to adopt the minutes of January 25: Adopted
   Ayes – Weaver, Wheeler and Wieser
   Absent – Ferrario and Riessen

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4. **Report of the Chairman:** Dan Weaver

   No report.

5. **FY11/12 Capital Budgets** (Discussion/Action) Darton Ito and Tim Papandreou

   Timothy Papandreou, deputy director, Transportation Planning, Sustainable Streets Division, presented an overview of the FY11/FY12 Capital Budget. It is a two-year budget for construction and construction-related projects. It is constrained by the expected revenues.

   Mr. Papandreou reviewed the status of the FY09/10 Capital Budget. FY09 actual capital expenditures were $88 million as compared to the Capital Budget expenditure limit of $762 million. Revenues were lower than expected. In particular, State Infrastructure Bonds from Prop 1B and the Central Subway federal full funding agreement were delayed. Local sales tax revenues were down. This required rescoping a number of major projects to fit the available funding, which substantially delayed progress. The operating budget crisis and hiring freeze affected the ability to staff new or expanding projects. However, FY10 capital expenditures are expected to reach around $157 million compared to the forecasted $353 million.

   The proposed Capital Budget includes an expenditure limit of $375 million in FY11 and $377 million in FY12, based on expected funding and the capability to manage projects. "State of Good Repair" project expenditures, such as asset rehabilitation and/or replacement projects are expected to be slightly higher than expenditures for Enhancement and Expansion projects. The FY11/12 Capital Budgets will be submitted to the SFMTA Board in April. It is

based on recent expenditure patterns, adjusted to include projects that will occur over the next two years. For example, groundbreaking for the Central Subway project was recently held. This project is scheduled to complete final design and start construction over the next two years, thus substantially increasing its expenditures.

The 5 to 20-year Capital Investment Plan is expected to be submitted to the SFMTA Board this fall. It will be based on a new prioritization approach being developed in close cooperation with the CAC and other stakeholders.

In response to questions, Darton Ito, manager, Capital System Planning, Sustainable Streets Division, stated that the vehicle rehabilitation schedule will be updated in the next few months. Ongoing LRV overhaul work has focused on maintaining key components. Construction for the Van Ness Bus Rapid Transit Project is expected to commence in FY13. Staff decisions on bus specifications and procurement are being coordinated with the overall Fleet Plan.

Public Comment:

None.

Chairman Weaver moved that the EMSC endorse the F11/12 Capital Budgets: Adopted
Ayes – Weaver, Wheeler and Wieser
Absent – Ferrario and Riessen

6. **19th Avenue Corridor** (Discussion/Action) Peter Albert

Peter Albert, deputy director, Economic Development, Long Range Planning, Sustainable Streets, stated that the Better Streets Plan calls for improvements to make key elements pedestrian friendly. The growth of the SF State University student population, along with residential and commercial development, a conference hotel and a transit village are expected to increase pedestrian, bicycle and vehicle activity along the 19th Avenue corridor. The 19th Avenue Corridor Study sponsored Supervisor Sean Elsbernd is an analysis of 19th Avenue between Sloat Boulevard and Daly City. Rick Cooper, Major Environmental Analyses, City Planning Department, is the project manager. Mr. Albert has been working with various agencies, developers and the Mayor's Office of Economic Development to orchestrate improvements along the corridor. Caltrans maintains 19th Avenue as a state highway, including bus relocations, sidewalk bulbs and changes to the timing of pedestrian signals. The Transportation Authority is involved in the 19th Avenue/Park Presidio Boulevard Transportation Plan and the Countywide Transportation Plan. The SFMTA Transit Effectiveness Project has transit changes for the corridor. SF State is offering a bike route through their campus. BART has been working on its Daly City Station Plan. Park Merced/Stellar Management proposed improvements to add streetcar capacity. We want San Francisco to be green transit-oriented with smart growth.

Chairman Weaver asked about the St. Francis Circle Rail Replacement Project and about the safety of pedestrians and bikes maneuvering through the traffic at Sloat Boulevard and Junipero Serra Boulevard. Mr. Albert stated that he would ask the planners to consider these matters.

Public Comment:

None.

7. **Establishing a regular meeting day and time for meetings of the Engineering, Maintenance and Safety Committee** (Discussion/Action)

   Dan Weaver moved to establish the fourth Wednesday at 4 p.m. as the regular meeting day and time for the Engineering, Maintenance and Safety Committee meeting.

   On motion to establish the fourth Wednesday at 4 p.m. as the regular meeting day and time for the EMSC: Adopted
   Ayes – Weaver, Wheeler and Wieser
   Absent – Ferrario and Riessen

8. **Committee Members' Questions/Information Requests** (Discussion)

9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: April 28, 2010, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

10. **Adjournment:** The meeting was adjourned at 6:15 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

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Notice of Regular Meeting and Agenda
for
Wednesday, April 28, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

Members:
Daniel Weaver (EMSC Chairman), Steve Ferrario, Greg Riessen, Ruth Wheeler and Jamison Wieser

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council
Engineering, Maintenance and Safety Committee

Regular Meeting

Wednesday, April 28, 2010, at 4 p.m.
1 South Van Ness Avenue, 3rd Floor, Conference Room 3075
San Francisco, California

AGENDA

Item #	Item	Estimated Time
1.	**Call to Order/Roll Call**	4:00
2.	**Public Comment** Members of the public may address the Engineering. Maintenance and Safety Committee on matters that are within the CAC's jurisdiction and are not on today's calendar.	4:03
3.	**Adopt minutes of March 8, 2010** (Discussion/Action)	4:05
4.	**Report of the chairman** (Discussion/Action)	4:07
5.	**Eureka Portal Project** (Discussion/Action)	4:10
6.	**LRV Procurement** (Discussion/Action)	4:45
7.	**The Hunters Point Shipyard Phase II - Candlestick Point Integrated Development Project and related Transportation elements** (Discussion/Action)	5:15
8.	**Committee members' questions/information requests** (Discussion)	5:20
9.	**Schedule upcoming meetings and agenda items** (Discussion) Next regular meeting: Wednesday, May 26, 2010, at 4 p.m. 1 South Van Ness Avenue, 3rd Floor, Conference Room 3075	5:25
10.	**Adjournment**	5:30

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Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Minutes

Wednesday, April 28, 2010, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

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1. **Call to Order / Roll Call**
   Chairman Daniel Weaver called the meeting to order at 4:04 p.m.

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver and Jamison Wieser

   EMSC Members absent at Roll Call: Greg Riessen (arrived at 4:11 p.m.) and Ruth Wheeler (arrived at 4:09 p.m.)

2. **Public Comment:** None

3. **Adopt minutes of March 8, 2010:**
   On motion to approve the minutes of March 8: unanimously adopted. (Absent – Riessen and Wheeler)

4. **Report of the Chairman:** Dan Weaver

   No report.

5. **Eureka Portal Project** (Discussion/Action)

   Kenny Ngan, project manager, Capital Programs and Construction, stated that staff expects to repair the Eureka Portal ceiling joint in June. Staff is pursuing funding for two future projects: repairing the retaining wall inside the tunnel and constructing a vent structure near Hattie Street.

   Steve Ferrario also asked about the Eureka Portal Alternatives Study. Mr. Ngan stated that the outcome of the study was inconclusive because the foundation of the steel beams was not accessible. Staff is pursuing funding for a project to analyze the condition of the H-pile beams and the foundation.

   Mr. Ferrario stated that the Automatic Train Control System (ATCS) loop wire was not functional and therefore should be removed. Mr. Ngan stated that the ATCS was not within his purview, but he would refer the matter to the Job Order Contract group.

6. **LRV Procurement** (Discussion/Action)

   Jim Kelly, senior operations manager, Central Control, Transit, stated that an ideal procurement program would be to replace cars yearly. The terrain, vehicle turn radius, mixture of high and low platforms, etc., pose challenges for stock trains. Standard vehicles are preferred over custom built cars. Currently, staff is not working on LRV procurement. The current LRV fleet is adequate to include service for the Central Subway. He stated that

Julie Kirschbaum, manager, Service Planning, Transit, could provide information about advantages and disadvantages of using high or low-floor platforms.

Jamison Wieser stated that the Short Range Transit Plan reported three procurements to expand the current fleet, including four additional trains for the Central Subway. The SFMTA infrastructure has 42 high-floor platforms. Central Subway would add four stations with high-floor platforms. Restoring the J Line to an all surface operation with low platforms using low floor vehicles would increase tunnel capacity.

Steve Ferrario stated that the Duboce, Church and Market streets project passed up the opportunity to add a turn at Market and Church streets. He favors low-floor vehicles to serve a J Line surface operation and for the Central Subway/T Third Street service. The current fleet of LRVs could be committed to K, L and M line operations. Restoring pantograph capability along Market Street would allow surface operations in case of a catastrophic event. An independent comprehensive study is needed.

Elson Hao, principal engineer, Operations Engineering, Transit, stated that, from a maintenance perspective, low-floor cars require less maintenance. Rail routes that require frequent stops exacerbate maintenance problems.

Greg Riessen asked about purchasing trains with functioning windows. Mr. Kelly stated that functional windows posed a safety hazard in tunnels.

Chairman Weaver asked about vehicle repairs. Mr. Kelly stated that some of the wrecks are going out for rehabilitation. Cars are returned for service within four months to one year. The Muni Metro East facility repairs two to four trains per day. Cars with bent frames are being repaired in-house. Cars are breaking down at a faster rate due to age. Truck overhauls are being coordinated through Breda. Rehabilitation is cheaper than purchasing cars.

7. **The Hunters Point Shipyard Phase II** (Discussion/Action)

Peter Albert, deputy director, Economic Development, Long Range Planning, Sustainable Streets, stated that the Hunters Point Shipyard Phase II Project was presented to the SFMTA Board of Directors, the Redevelopment Commission, the Planning Commission, the Land Use Committee of the Board of Supervisors, and various other commissions. In June, there will be a joint hearing with the Redevelopment Agency and the Planning Commission. The Redevelopment Agency will review individual permits. The SFMTA is working with city departments and the City Attorney to dedicate the revenue to fund the SFMTA transportation aspect of the project.

There has been over 15 years of community planning in Hunters Point. A policy advisory committee and a citizens' advisory committee have been established. Proposition G envisioned a stadium with a non-stadium alternative and a mixed-use development for residential and commercial growth, park improvements, a hotel and a retail-entertainment complex.

A Yosemite Slough Bridge will be constructed that will connect Candlestick Point to the Bay Trail. This public passage will be limited to pedestrians and bikes except on game days

when automobile use will be permitted in order to ease traffic congestion through burdened neighborhoods.

A sea-rise bearing wall and dikes will be constructed to protect buses from rising water. Harney Way could be upgraded to be rail ready.

The Environmental Impact Statement/Environmental Impact Report is expected to be certified by the City in June. Coordination, capital and operating planning will be needed.

Ruth Wheeler asked about the rail ready strategy. Mr. Albert stated that staff proposed to build a spur from the T Third Street Line to Balboa Park. The city of Brisbane has expressed interest in renting Muni service and building an easement for light rail. The surface grades at the BART station and Mission and Geneva streets will pose some challenges.

8. **Committee Members' Questions/Information Requests** (Discussion)

9. **Schedule Upcoming Meetings and Agenda Items** (Discussion/Action)

   Next regular meeting: May 26, 2010, at 1 South Van Ness Avenue, Conference Room 3075, at 4:00 p.m.

10. **Adjournment:** The meeting was adjourned at 6:15 p.m.

Respectfully submitted by:
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SFMTA CAC - Secretary

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

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NOTICE OF MEETING AND CALENDAR

Wednesday June 23, 2010
Room 3075
1 So. Van Ness Avenue

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Debra Reed

GOVERNMENT
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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes
   - April 28, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment

   Members of the public may address the Operations and Customer Service Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding Light Rail Vehicle capacity in the Metro Subway.

8. Presentation, discussion and possible action regarding upgrades to the Automatic Train Control System.

9. Presentation, discussion and possible action regarding the SFMTA Emergency Plan.

10. Presentation, discussion and action regarding the Central Control and Communications Project.

11. Committee Members' requests for information. (For discussion only)

12. Schedule upcoming meetings and agenda items (For discussion only)
    Next regular meeting: Wednesday, July 28, 2010, at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

ADJOURN

Accessible meeting policy – One So. Van Ness Avenue

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Minutes

Wednesday, June 23, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

1. **Call to Order:**
   Chairman Daniel Weaver called the meeting to order at 4:04 p.m.

2. **Roll Call:**

   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, Ruth Wheeler and Jamison Wieser

   EMSC Members absent: Greg Riessen

3. **Announcement of prohibition of sound producing devices during the meeting.**

4. **Approval of Minutes:**
   On motion to approve the minutes of the May 26, 2010 regular meeting: Adopted
   Ayes – Ferrario, Weaver, Wheeler and Wieser
   (Absent – Riessen)

5. **Report of the Chairman:** Dan Weaver

   No report.

6. **Public Comment:**

   None.

7. **Presentation, discussion and possible action regarding Light Rail Vehicle capacity in the Metro Subway.**

   John Haley, director, Transit Operations, was unable to attend the meeting.

   Members of the EMSC discussed possible solutions for improving service reliability in the subway, the feasibility of running the J Church Line on Market Street rather than in the subway and BART's future plans for increasing its service in San Francisco.

8. **Presentation, discussion and possible action regarding upgrades to the Automatic Train Control System.** (Thomas Kennedy and Patty DeVlieg)

   Thomas Kennedy, deputy director, Maintenance of Way, Transit Operations, stated that the SFMTA has a $1 million American Recovery and Reinvestment Act grant to replace the loop cable. Seventy-five percent of loop cable failures are due to LRV sander hoses that damaged the loop cable. Staff is looking into protective covering solutions for the cable. Preparation for the project is expected to be completed by the end of October 2010. The

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cable replacement project is expected to commence in January 2011. Patty DeVlieg, project manager, Capital Programs and Construction Division, stated that the loop replacement is a maintenance project.

Ms. DeVlieg explained that over the next five to ten years, the various Automatic Train Control System (ATCS) component subsystems will be replaced. The ATCS System Management Center subsystem replacement, currently underway, is the first of these capital-funded ATCS replacement projects. SFMTA's goal is to improve the reliability of the system with minimal impact to service.

9. **Presentation, discussion and possible action regarding the SFMTA Emergency Plan.** (Thomas Kennedy)

Thomas Kennedy, deputy director, Maintenance of Way, Transit Operations, stated that the Federal Transportation Administration (FTA) will review the newly prepared draft SFMTA Emergency Plan after MTA staff has submitted the final draft. When the FTA review findings are complete, the SFMTA will be invited to respond.

Steve Ferrario stated that taxis should be included in the emergency plan. He stated that EMSC members would like to review the plan for input before the draft plan is finalized.

Chairman Weaver requested a presentation on the Emergency Plan and the FTA audit of Muni operations at a future EMSC meeting when the draft Emergency Plan and the FTA audit become available.

10. **Presentation, discussion and action regarding the Central Control and Communications Program.** (Patty DeVlieg)

Patty DeVlieg, project manager, Capital Programs and Construction, stated that the Central Control and Communications Program (C3), consists of several projects to relocate various SFMTA command-and-control functions into an integrated and modernized Operations Control Center (OCC), and to outfit the new OCC with new systems. One key criterion recommended in a 2008 study was to develop both a primary and a secondary OCC in different geographical locations. Management expanded that view to include real-time command and control of traffic, transit operations, taxi services, pedestrian, bicycle, SFMTA security functions, and room for future expansion as the SFMTA takes on additional transportation responsibilities. The 2009 survey of potential locations included: the Bank of America data center at 1455 Market; the new Transbay Terminal; the Muni Overhead Lines building; the Muni Metro East facility; the 1 South Van Ness Avenue building; the Central Subway Transit Oriented Development site; and the Operations Central Control location. The cost to retrofit 1455 Market is $30 million, and the cost to build a facility at the new Transbay Terminal is $130 million. The 1455 Market site was chosen because of its lower cost, spaciousness, already built infrastructure, amenities and a potential construction schedule in sync with the Radio Replacement Project installation schedule. The consultant of the final systems design and integration for the Central Subway project is designing the C3 facility and replacement systems. The 1455 Market space will become the primary OCC upon completion. The OCC facility on Lenox Way may be developed as the interim secondary OCC. The new Transbay location remains a potential OCC site. The SFMTA identified $30 million in funds from various sources, including the Transportation Authority, state I-bonds and 5307 Federal Transit Administration funds. The Department of Real

Estate is negotiating a lease agreement with the landlord for the SFMTA to occupy 1455 Market by 2012.

11. **Committee Members' requests for information.**

12. **Schedule Upcoming Meetings and Agenda Items:**

    Next regular meeting: Wednesday, July 28, at 4 p.m.
    1 South Van Ness Avenue, Conference Room 3075

13. **Adjourn:** The meeting was adjourned at 5:54 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

SF
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#1
7/28/10

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday July 28, 2010
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
4:00 P.M.

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JUL 23 2010

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COMMITTEE MEMBERS

Dan Weaver, Chair
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Debra Reed

ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes

   - June 23, 2010

5. Report of the Chair (For discussion only)

6. Public Comment

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding capacity in the Metro Subway. (John Haley)

8. Presentation, discussion and possible action regarding T Third Line priority signalization system. (Britt Tanner)

9. Committee Members' requests for information. (For discussion only)

10. Schedule upcoming calendar items. (For discussion only)
    Next regular meeting: Wednesday, August 25, 2010, at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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This is the **archival website** for the San Francisco Municipal Transportation Agency (SFMTA). **It is not kept up to date.** Please visit the SFMTA website for current information.

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Minutes

Wednesday, July 28, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

1. **Call to Order**
Chairman Daniel Weaver called the meeting to order at 4:00 p.m.

2. **Roll Call**

EMSC Members present at Roll Call: Daniel Weaver, Ruth Wheeler and Jamison Wieser

Greg Riessen arrived at 4:01 p.m. and Steve Ferrario arrived at 4:02 p.m.

EMSC Members absent: None.

3. **Announcement of prohibition of sound producing devices during the meeting.**

4. **Approval of Minutes:**

On motion to approve the minutes of June 23: unanimously adopted
Ayes – Ferrario, Riessen, Weaver, Wheeler and Wieser

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5. **Report of the Chairman:** Dan Weaver

No report.

6. **Public Comment:**

None.

7. **Presentation, discussion and possible action regarding capacity in the Metro Subway.** (John Haley)

John Haley, director, Transit Services, stated that having enough light rail vehicles, PCCs and historic rail cars is vital for service restoration in September. The SFMTA will conduct a comprehensive rail network study, as part of the Transit Effectiveness Project (TEP), which will include cars, capacity, accessibility and boarding locations. A fleet management plan for rail is being developed to prepare for the purchase of new vehicles in 2022.

Chairman Weaver stated that the EMSC would like to hear about upcoming Automatic Train Control System (ATCS) upgrades; consideration of a turn from Market Street onto southbound Church Street for the Church and Duboce Rail Replacement Project; lengthening the St. Francis

Circle island; and SFMTA's participation in BART's long-range plans for a transbay tunnel connection and subway line down Folsom Street. Mr. Haley stated that he would return to the August EMSC meeting to discuss the items.

Mr. Haley stated that the SFMTA will give Alcatel the opportunity to correct the problem of delayed ATCS information being passed on to NextBus monitors. He will present information to the EMSC on the proposal, the cost and the schedule. If the price and the timing are unreasonable, the ATCS display remains an option.

Jamison Wieser asked about the problem of offline messages on subway monitors caused by complications with WiFi reception. He stated that while the red LED monitors are accurate, there is only one display per platform, they are difficult to read, and many of the signs are not working. Mr. Haley stated that he would provide an update regarding NextBus visuals at the next EMSC meeting.

No public comment

8. **Presentation, discussion and possible action regarding T Third Line priority signalization system.** (Britt Tanner)

Britt Tanner, manager, Transportation Engineering, Sustainable Streets, gave an overview of the T Third Line priority signalization system. She stated that the system sends train location information to traffic signal controllers to prioritize a train-crossing signal for trains approaching intersections. The priority signalization system will be expanded to both the Van Ness and the Geary Bus Rapid Transit corridors. Staff is looking into improvements such as wireless technology, cameras and signal cycle options that would minimize impacts to pedestrians, transit and traffic.

No public comment

9. **Committee Members' requests for information** (For discussion only)

Greg Riessen stated that he read a blog site interview with a city traffic engineer regarding delays with light rail vehicle pullouts and the lack of inspectors due to budget issues. The blog's Web address will be forwarded to Debra Reed, secretary, SFMTA Citizens' Advisory Council, for distribution to John Haley, director, Transit Services, and EMSC members.

10. **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: August 25, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075

Adjourn: The meeting was adjourned at 6:00 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

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SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

SF
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#1
8/25/10

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday August 25, 2010
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Debra Reed

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes:
   - July 28, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding capacity in the Metro Subway. (John Haley)

8. Presentation, discussion and possible action regarding the St. Francis Circle Track Replacement Project. (Al Herce).

9. Committee member requests for information. (For discussion only)

10. Schedule upcoming calendar items. (For discussion only)
    Next regular meeting: Wednesday, September 22, 2010, at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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Accessible meeting policy – One South Van Ness Avenue

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Minutes

Wednesday, August 25, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

1. **Call to Order**
   Chairman Daniel Weaver called the meeting to order at 3:02 p.m.

2. **Roll Call**

   EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen, Daniel Weaver, and Jamison Wieser

   EMSC Members absent at roll: Ruth Wheeler

   CAC members present, but not members of the EMSC: Mary Burns

3. **Announcement of prohibition of sound producing devices during the meeting.**

4. **Adopt Minutes of July 28, 2010:**
   On motion to approve the minutes of July 28: unanimously adopted.
   Ayes – Ferrario, Riessen, Weaver and Wieser
   Absent – Wheeler

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5. **Report of the Chairman:** Dan Weaver

   No report.

6. **Public Comment:**

   None.

7. **Presentation, discussion and possible action regarding capacity in the Metro Subway.** (John Haley)

   Ruth Wheeler arrived at 4:29 p.m.

   Mr. Haley was unable to attend the EMSC meeting. David Hill, deputy director, Bus, Rail and Cable Car Operations, Transit Services, stated that Mr. Haley requested that the capacity discussion be rescheduled for the next EMSC meeting. Item 7 was continued.

8. **Presentation, discussion and possible action regarding the St. Francis Circle Track Replacement Project.** (Al Herce)

   Al Herce, engineer, Sustainable Streets, reviewed the traffic, pedestrian and bicycle movement configuration of the St. Francis Circle Track Replacement Project. The upgrades included arrow signalization to address eastbound Sloat traffic turning right onto Junipero Serra when LRVs are present; signal cycle enhancements for pedestrians and bicycles; video

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monitors for LRV violations; solutions to discourage tagging of the traffic and the Muni signal boxes; relocating the outbound 23 Monterey Route transit shelter at St. Francis; and planting trees. He recalled that the EMSC suggested closing or signalizing the right turn lane at Sloat Boulevard onto Junipero Serra Boulevard. During the closing of the right turn lane at construction, there were conflicts of right turning motorists with transit, as well as complaints about traffic back ups. A significant number of vehicles make right turns onto Sloat Boulevard. Therefore, the project will include signalizing right turns at the St. Francis Circle intersection.

9. **Committee Members' requests for information** (For discussion only)

   - An explanation for relocating the outbound platform 20 feet away from the St. Francis Circle intersection in the St. Francis Circle Track Replacement project. (Dan Weaver)
   - An explanation for outfitting the vehicle traffic signal heads in front of the Ferry Building with programmed visibility lens. (Greg Riessen)
   - Information on guidelines regarding speed limits set below 25 miles per hour (MPH). The California Vehicle Code, section 22358.3, prohibits the posting of speed limits below 25 MPH, unless the roadway is less than 25 feet. (Greg Riessen)

10. **Schedule upcoming calendar items** (For discussion only)

    Next regular meeting: September 22, 2010

11. **Adjournment:** The meeting was adjourned at 5:17 p.m.

Respectfully submitted by:
Debra J. Reed
SFMTA CAC - Secretary

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING CANCELLATION

SF
M90.325
#1
9/22/10
cancelled

The Meeting for Wednesday, September 22, 2010

Has Been Cancelled

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Debra Reed

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MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF SPECIAL MEETING AND CALENDAR

SF
M90 325
#1
9/29/10
Special

Wednesday September 29, 2010
Room 3075
1 South Van Ness Avenue

SPECIAL MEETING
4:00 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Debra Reed

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes:
   - August 25, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

SPECIAL CALENDAR

7. Depart for a tour presentation of the Kirkland Facility located at 2301 Stockton Street, San Francisco, discussion and possible action.

8. Committee member requests for information. (For discussion only)

9. Schedule upcoming calendar items. (For discussion only)
   Next regular meeting: Wednesday, October 27, 2010, at 4 p.m.
   1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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Accessible meeting policy – One South Van Ness Avenue

City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, September 29, 2010, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

GOVERNMENT
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OCT 29 2010

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MINUTES

1. **Call to Order**
   Chairman Daniel Weaver called the meeting to order at 4:00 p.m.

2. **Roll Call**
   EMSC Members present at Roll Call: Steve Ferrario, Daniel Weaver, and Jamison Wieser
   EMSC Members absent: Greg Riessen and Ruth Wheeler

3. **Announcement of prohibition of sound producing devices during the meeting.**
   The CAC Secretary made the announcement.

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/29/10

4. **Adopt Minutes of August 25, 2010:**
   On motion to approve the minutes of August 25: Adopted
   Ayes – Ferrario, Weaver, and Wieser

   The Committee Chairman had issue with item #8, in regards to the St. Francis Circle Track Replacement Project and the traffic-calming approach towards St. Francis Circle. There was one lane on eastbound Sloat towards south Junipero Serra. DPT widened it to two lanes of traffic as part of the track replacement project. Chair Weaver wondered why this was done as it appears to be in violation of the goals of trying to reduce the footprint of the intersection and calming vehicular traffic.

5. **Report of the Chairman:** Dan Weaver

   Members expressed an interest in a tour of the design of the Central Subway project and would like a tour of the design facility for the November 17th EMSC meeting.

6. **Public Comment:**

   Mr. David Pilpel expressed concern regarding the Potrero facility and articulated trolley buses. Mr. Pilpel also commented on subway capacity and fleet planning and the technical restraints as to the subway itself; the turn at Church & Market streets; operational changes that could be made in the context of both subway capacity and fleet planning; and the status of the capacity study.

7. **Depart for a tour presentation of the Kirkland Facility located at 2301 Stockton Street, San Francisco, discussion and possible action.** (Paul Williamson, Maintenance Division Manager, Kirkland, Transit Services and Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

The Committee arrived at the Kirkland facility at 5:00 p.m. and met with Paul Williamson, maintenance division manager, Kirkland, Transit Services, who gave a brief tour of the facilities and showed the area where buses are fueled and repaired. Mr. Williamson briefed the Committee on the usual routine of the facility and preventative measures used to protect the yard from soil and groundwater contamination.

Ayn Antonio, transportation manager, Kirkland, Transit Services, also met with Committee members on the operation of the Kirkland facility and briefed the Committee on her tasks, which includes: express buses, school trippers, management issues, operators and priority runs. Ms. Antonio mentioned the primary importance of safety for operators and passengers. She also informed the Committee of new attendance policies to operator absentee issues and monthly safety meetings.

8. **Committee Members' requests for information** (For discussion only)

   Steve Ferrario asked if faregates could have separate entrance and exit to make it speedier for passengers and to prevent passengers from getting trapped. He inquired about the set-up and speed of the faregate doors.

   Steve Ferrario asked if tickets for blocking transit are being issued at 18th & Castro to delivery companies (i.e. South Traders) and if so, would it be parking control or the police who would issue the tickets.

   Jamison Wieser asked if Clipper fare machines can accept monies other than the specified amounts to add value to Clipper cards.

9. **Schedule upcoming calendar items** (For discussion only)

   Next regular meeting: October 27, 2010, at 4 p.m.
   1 South Van Ness Avenue, Conference Room 3075

10. **Adjournment:** The meeting was adjourned at 6:30 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

SF
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#1
10/27/10

NOTICE OF MEETING AND CALENDAR

Wednesday October 27, 2010
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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OCT 22 2010

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes:
   - September 29, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding subway capacity issues. (Jim Kelly)

8. Presentation, discussion and possible action regarding phase in of the new fare gates/fare instruments. (Jim Kelly)

9. Presentation, discussion and possible action regarding Potrero Division shortage of vehicles. (Neal Popp)

10. Presentation, discussion and possible action regarding the service restoration plan. (Jim Kelly)

11. Discussion and possible action regarding organization of CAC member comments on the Central Subway design.

12. Committee member requests for information. (For discussion only)

13. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, November 17, 2010, at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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Accessible meeting policy – One South Van Ness Avenue

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

SF
M190.325
#1
10/27/10
cancelled

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING CANCELLATION

The meeting for Wednesday, October 27, 2010, has been cancelled.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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OCT 26 2010

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Citizens' Advisory Council
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CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF SPECIAL MEETING AND CALENDAR

SF
M90 325
#1
11/4/10
Special

Thursday, November 4, 2010
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
3:30 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

10-29-10P02:13 RCVD

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OCT 29 2010

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes:
   - September 29, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding subway capacity issues. (Jim Kelly)

8. Presentation, discussion and possible action regarding phase in of the new fare gates/fare instruments. (Jim Kelly)

9. Presentation, discussion and possible action regarding the service restoration plan. (Jim Kelly)

10. Presentation, discussion and possible action regarding Potrero Division shortage of vehicles. (Neal Popp)

11. Discussion and possible action regarding organization of CAC member comments on the Central Subway design.

12. Committee member requests for information. (For discussion only)

13. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, November 17, 2010, at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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Accessible meeting policy – One South Van Ness Avenue

SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF SPECIAL MEETING AND CALENDAR

SF
M90.325
#1
11/17/10
special

Thursday, November 17, 2010
Central Subway Design Office
651 Brannan Street

SPECIAL MEETING
3:30 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

11-05-10P03:17 RCVD

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes:
   - November 4, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding the Central Subway design. (Brajah Norris)

8. Discussion and possible action regarding using the Kirkland yard as a maintenance and parking facility.

9. Discussion and possible action regarding organization of CAC member comments on the Central Subway design.

10. Committee member requests for information. (For discussion only)

11. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, January 26, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

ADJOURN

Accessible meeting policy – One South Van Ness Avenue

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MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

SF
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#1
11/17/10
special
revised

NOTICE OF SPECIAL MEETING AND CALENDAR

Wednesday, November 17, 2010
Central Subway Design Office
651 Brannan Street

SPECIAL MEETING
3:30 P.M.

COMMITTEE MEMBERS

Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Ruth Wheeler
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

11-09-10P12:31 RCVD

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Citizens Advisory Council
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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting.

4. Approval of Minutes:
   - November 4, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding the Central Subway design. (Albert Hoe, Deputy Program Manager, Central Subway)

8. Discussion and possible action regarding using the Kirkland yard as a maintenance and parking facility.

9. Discussion and possible action regarding organization of CAC member comments on the Central Subway design.

10. Committee member requests for information. (For discussion only)

11. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, January 26, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, January 26, 2011
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
4:00 P.M.

SF
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#1
1/26/11

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:
   - November 17, 2010

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding subway service. (John Haley)

8. Presentation, discussion and possible action regarding efforts to reconcile NextMuni information signs, destination signs and verbal announcements. (John Haley)

9. Presentation, discussion and possible action regarding phasing of the new fare gates and fare instruments. (David Hill)

10. Presentation, discussion and possible action regarding subway capacity. (David Hill)

11. Discussion and possible action regarding the 2011 meeting schedule.

12. Committee member requests for information. (For discussion only)

13. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, February 23, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, January 26, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Daniel Weaver called the meeting to order at 4:02 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen, and Daniel Weaver

EMSC Members absent: Jamison Wieser

CAC members, not on this committee, but also present: Joan Downey

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made announcement.

- **Approval of Minutes:**

Committee member Steve Ferrario requested that the minutes be amended to state that two entrances and two exits at both Moscone and Chinatown station be added to item #9.

On motion to approve the minutes as amended of November 17, 2010: Adopted
Ayes – Ferrario, Riessen, and Weaver

Absent – Wieser

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- **Report of the Chairman:**

None

- **Public Comment:**

None

- **Presentation, discussion and possible action regarding subway service.** (John Haley, Director of Transit Services, Transit Services)

John Haley was unable to attend meeting. David Hill, Deputy Director, Transit Services, discussed the problems that caused delays to the system. The Engineering department re-designed the sander hose. 30% of all vehicles have had retrofitted sander hoses installed. Another issue that delayed service had to do with Automatic Train Control System (ATCS) and the axle counters. Axle blocks needed new wiring and wiring switches were repaired. Since these repairs were made however, but the ATCS still needs more upgrades.

No public comment.

- **Presentation, discussion and possible action regarding efforts to reconcile NextMuni information signs, destination signs, and verbal announcements.** (John Haley, Director of Transit Services, Transit Services)

Chairman Weaver continued the item to the next month.

- **Presentation, discussion and possible action regarding phasing of the new fare gates and fare instruments.** (David Hill, Deputy Director, Transit Services)

David Hill stated that all faregates and instruments for the Clipper system have been installed at all Muni stations. The Construction Division handles all faregate issues and that all faregates have been improved dramatically since Construction has taken over control of the warranty portion of the contract. Mr. Hill states that staff has fixed the problem with the antennas and its ability to download software information.

Mr. Hill stated that the speed of the faregate doors can't be quickened because it may injure another person. Council member Ferrario mentioned that the system in London works much better because their system has designated exit and entrance gates.

Mr. Hill stated that Clipper card users increased from 2% to 30% since introduction. He noted that riders who use the 54 Felton and 28 19th Avenue buses are able to ride free because of a deal struck years ago. Clipper cards do not charge Muni riders at the Daly City BART station.

No public comment.

- **Presentation, discussion and possible action regarding subway capacity.** (David Hill, Deputy Director, Transit Services)

Chairman Weaver stated that the money spent on the ATCS and vehicles, passenger throughput is still not at the level it was in 1997. Chairman Weaver asked how this can be improved. Mr. Hill stated that although there aren't enough trains in the system, delays are also caused by dwell time in the stations by passengers boarding and exiting. Committee member Riessen mentioned that he observed that dwell time at the Embarcadero Station was due in part to train operators, who take their time to board the LRV. Supervisors should ensure that the train operator is moving swiftly.

Chairman Weaver inquired about purchasing low-floor streetcars from transit agencies that have reduced service. Mr. Hill stated that although this sounds ideal, other transit cars are not able to run on our system. Mr. Hill mentioned that the Santa Clara Valley Transportation Authority (VTA) says that we can have their unused vehicles, but we would have to get them.

Chairman Weaver mentioned increase dwell time inside the tunnel appears to be frequent. Mr. Hill stated that Metro Rail Operation (MRO) inspectors were placed at subway platforms and are now in the Line Management Center (LMC). MRO inspectors contact Central Control to make changes as necessary.

Motion 110126.05

The SFMTA CAC recommends that a direct telephone connection between the Line Management Center (LMC) and the Metro Rail Operation (MRO) supervisor on the platform of the Embarcadero station be established, using the existing landline telephone to the platform and new wireless headset for the MROs. This would enable the LMC to re-direct LRVs from one line to another for their outbound run. As a consequence, this would reduce bunching and service would be better distributed.

On motion to approve Motion 110126.05: Adopted
Ayes – Ferrario, Riessen and Weaver
Absent – Wieser

Motion 110126.06

The SFMTA CAC recommends that at least two MRO supervisors, equipped with wireless headsets, be stationed at the Embarcadero station during peak periods, one for he inbound and one for the outbound platform.

On motion to approve Motion 110126.06: Adopted

Ayes – Ferrario, Riessen and Weaver

Absent – Wieser

Motion 110126.07

The SFMTA CAC recommends that MROs at the Embarcadero Station ensure that regular and relief operators exit and enter the LRVs as quickly as possible, in order to reduce dwell times for inbound and outbound vehicles.

On motion to approve Motion 110126.07: Adopted

Ayes – Ferrario, Riessen and Weaver

Absent – Wieser

Motion 110126.08

The SFMTA CAC recommends that at least one MRO supervisor be stationed at all four non-subway terminals at all times in order to actively manage the schedule.

On motion to approve Motion 110126.08: Adopted

Ayes – Ferrario, Riessen and Weaver

Absent - Wieser

- **Discussion and possible action regarding the 2011 meeting schedule.**

The 2011 meeting schedule was approved. The committee will meet the fourth Wednesday of each month, but not in August.

No public comment.

On motion to approve 2011 schedule: Approved

Ayes – Ferrario, Riessen and Weaver

Absent – Wieser

- **Committee Members' requests for information** (For discussion only)

Daniel Weaver would like to know the total cost and plans for the ATCS system.

Steve Ferrario would like to know if Muni faregates could be designated in and out like the system in London.

Daniel Weaver would like to know the dwell time delay and ridership totals for 1997.

- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: February 23, 2011, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075

- **Adjournment:** The meeting was adjourned at 5:42 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, February 23, 2011
Room 3075
1 South Van Ness Avenue

SF
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#1
2/23/11

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - January 26, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding bicycle facilities for the Central Subway project. (Quon Chin, Central Subway)

8. Presentation, discussion and possible action regarding plans to improve subway capacity. (David Hill, Transit Services)

9. Presentation, discussion and possible action regarding efforts to reconcile NextMuni information signs, destination signs and verbal announcements. (David Hill, Transit Services)

10. Presentation, discussion and possible action regarding a surface loop for the J Church and N Judah lines. (David Hill, Transit Services)

11. Committee member requests for information. (For discussion only)

12. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, March 23, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, February 23, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Daniel Weaver called the meeting to order at 4:05 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent: Greg Riessen and Jamison Wieser

CAC members, not on this committee, but also present: Chairman Weaver appointed Susan Vaughan to serve as Pro Tem

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

On motion to approve the minutes of January 26, 2011: Adopted
Ayes – Ferrario, Vaughan, and Weaver

Absent – Riessen and Wieser

- **Report of the Chairman (For discussion only):**

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None

- **Public Comment:**

None

- **Presentation, discussion and possible action regarding bicycle facilities for the Central Subway project.** (Quon Chin, Central Subway)

Quon Chin distributed handouts which showed an overview of bicycle facility designs for the Central Subway project. Three stations of the project: Moscone Station, Union Square Station, and the Chinatown Station will have varying bicycle parking designs and Mr. Chin stated that the designs are not 100% complete at this time. Bicycle riding has been recognized as a key mode among the City's assortment of mobility option, and discussed in the EIR phase, although Muni does not allow bicycles on Light Rail Vehicles (LRVs).

Council member Vaughan stated bicycle locking facilities at the Central Subway stations should be kept safe and located near a station agent booth where they can watched by station agents. Chairman Weaver inquired if the project will have a rental program for bicycle rental at the Central Subway stations. Mr. Chin stated no and that there are space constraints the design team has been given at the three stations. Mr. Chin stated that architects have been given mandate to keep focus on pedestrian movement, but to provide bicycle storage facilities for the Central Subway stations. The design of the bicycle racks for the Moscone station showed bicycle parking on the street level outside the station. The plan for design of the bicycle racks for the Union Square station will be on the concourse level. The design of the bicycle racks for the Chinatown station is in design stage since this area of the project is congested. A bulb out was created as part of an extension for the station entrance.

Council member Vaughan mentioned that at San Francisco State University their bicycle barns are stacked and monitored and that E-Lockers with SmartCard payment are used at BART. She inquired if there is any staff involved in bicycle rack design. Heath Maddox, Senior Planner, Livable Streets Subdivision, Sustainable Streets responded that he designed the bicycle rack lockers that will be placed around the City. Mr. Quon stated that staff will work in conjunction with Livable Streets staff in terms of bicycle racks and lockers for the Central Subway project.

Committee member Ferrario stated he is concerned about the lack of entrances at the Moscone and Chinatown stations, that there is only one entrance at both stations, although there are two entrances for the Castro and Church Street metro stations. He stated given the events in New Zealand during the past week should address this because the City is located in earthquake territory. Mr. Quon stated that in an emergency situation, there are emergency lights and signage that would direct passengers to opposite sides of the platform and to the emergency stair sidewalk hatch.

Public comment:

None

- **Presentation, discussion and possible action regarding plans to improve subway capacity.** (David Hill, Deputy Director, Transit Services)

David Hill stated that the highest capable capacity is 60 trains per hour through any given station, but 40-45 trains on normal schedule. He stated if the trains were three-cars and the J Line ran on the surface, more trains would be able to move more passengers through the subway stations.

Public comment:

None

- **Presentation, discussion and possible action regarding efforts to reconcile NextMuni**

information signs, destination signs and verbal announcements. (David Hill, Deputy Director, Transit Services)

David Hill stated that software upgrade to the ATCS has been completed and now the verbal announcements match train arrival. Mr. Hill stated that the NextBus system is off timing buses because of system data relay. He stated that NextBus is not an off-the-shelf product and Muni makes the changes in-house. Mr. Hill stated that most of the system is outside of the subway and delay in time itself is the information being relayed to the NextBus signage from the ATCS.

Public comment:

None

- **Presentation, discussion and possible action regarding a surface loop for the J Church and N Judah lines.** (David Hill, Deputy Director, Transit Services)

David Hill did not discuss a surface loop for the J Church and N Judah during this meeting.

Mr. Hill brought preprinted document discussing previous questions with answers from January meeting which discussed using vehicles from other transit agencies to see if they would be compatible on Muni's tracks, but that is still in research phase.

Public comment:

None

- **Committee Members' requests for information** (For discussion only)

Steve Ferrario would like to know the status on repairing the subway tunnel west of Castro Street.

Dan Weaver would like to know how the radio system plan works.

- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: March 23, 2011, at 4 p.m.
1 South Van Ness Avenue, Conference Room 3075

- **Adjournment:** The meeting was adjourned at 6:00 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, March 23, 2011
Room 3075
1 South Van Ness Avenue

SF
M90.125
#1
3/23/11

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

03-13-11P12:45 RCVD

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - February 23, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding plans for the radio system upgrade. (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

8. Presentation, discussion and possible action regarding platform convertibility from high-floor to low-floor for the Central Subway. (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

9. Presentation, discussion and possible action regarding a surface loop for the J Church and N Judah lines. (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

10. Presentation, discussion and possible action regarding the Eureka Portal. (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

11. Presentation, discussion and possible action regarding bicycle facilities for the Central Subway project.

12. Committee member requests for information. (For discussion only)

13. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, April 27, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, March 23, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Daniel Weaver called the meeting to order at 4:14 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent: Greg Riessen and Jamison Wieser

CAC members, not on this committee, but also present: Joan Downey and Susan Vaughan.
Chairman Weaver appointed Susan Vaughan to serve as Pro Tem.

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

On motion to approve the minutes of February 23, 2011: Adopted
Ayes – Ferrario, Vaughan, and Weaver

Absent – Riessen and Wieser

- **Report of the Chairman (For discussion only):**

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Chairman Weaver postponed the visit to the St. Francis Circle project.

- **Public Comment:**

Roland Wong suggested a discussion of low-floor vehicles.

- **Presentation, discussion and possible action regarding plans for the radio system upgrade.** (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

Ayn Antonio stated that a Request for Proposal (RFP) was issued for the radio system project and two companies, GE and Harris, submitted proposals. Recently, GE withdrew their proposal. The radio technical committee will meet with Harris prior to contract negotiations. Ms. Antonio stated that Muni's current radio system is antiquated and uses analog communication.

Public comment:

None

- **Presentation, discussion and possible action regarding platform convertibility from high-floor to low-floor for the Central Subway.** (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

Ayn Antonio stated that it is possible to convert from high to low floor and that all Metro subway stations are high platform.

Public comment:

Roland Wong commented that there are limited stops for wheelchair users along the surface lines. He stated that wheelchair users are inconvenienced and that many handicapped boarding stops are separated by as much as five or more stops (i.e. 9th and Judah to 19th and Judah).

- **Presentation, discussion and possible action regarding a surface loop for the J Church and N Judah lines.** (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

Ayn Antonio stated that more rail cars would be needed. Muni is averaging 107 cars for service each day. Between six and eight cars fail daily.

Chairman Weaver suggested that Muni should borrow a vehicle from another transit agency to see if their vehicle would have the capability to operate on the surface lines.

Public comment:

None

- **Presentation, discussion and possible action regarding the Eureka Portal.** (Ayn Antonio, Transportation Manager, Kirkland, Transit Services)

Ayn Antonio stated that the portal is being inspected.

Chairman Weaver mentioned a story reported in the San Francisco Examiner a few weeks ago about safety in the tunnel. The story made it sound like the tunnel could collapse in an earthquake. Chairman Weaver stated there hasn't been a seismic inspection.

Public comment:

None

- **Presentation, discussion and possible action regarding bicycle facilities for the Central Subway project.**

Chairman Weaver recommended the following motion:

Motion 110323.01

The SFMTA CAC recommends that the SFMTA Board of Directors develop a Central Subway plan that promotes bicycle usage.

The SFMTA CAC further recommends that ample bicycle parking be located inside all Central Subway stations and that a plan to provide securing of all stored bicycles and the monitoring of all bicycle storage areas.

The SFMTA CAC further recommends that some platform space at all stations be dedicated to secure bicycle parking and that grooves designed for bicycle wheels be installed along stairwells (like the ones at the 16th and Mission BART station) and that every effort be made to prepare stations for bicycle-ready light rail vehicles.

On motion to approve Motion: The motion failed adoption.

Ayes – Vaughan and Weaver

Nayes – Ferrario

Absent – Riessen

Committee member Ferrario offered an amendment to the motion to replace the word "platform" with "mezzanine" because some of the Central Subway platforms are too small.

Motion 110323.01

The SFMTA CAC recommends that the SFMTA Board of Directors develop a Central Subway plan that promotes bicycle usage.

The SFMTA CAC further recommends that ample bicycle parking be located inside all Central Subway stations and that a plan to provide securing of all stored bicycles and the monitoring of all bicycle storage areas.

The SFMTA CAC further recommends that some mezzanine space at all stations be dedicated to secure bicycle parking and that grooves designed for bicycle wheels be installed along stairwells (like the ones at the 16th and Mission BART station) and that every effort be made to prepare stations for bicycle-ready light rail vehicles.

On motion to approve Motion 110323.01: Adopted

Ayes – Vaughan and Weaver

Nayes – Ferrario

Absent – Riessen

Public comment:

None

- **Committee Members' requests for information** (For discussion only)
- Dan Weaver would like to know why a new radio system is needed and what it will achieve.
- Dan Weaver stated that he had heard the money to build the new Central Control had been spent elsewhere and that there were no plans to build a new one.
- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: April 27, 2011, at 4 p.m.

1 South Van Ness Avenue, Conference Room 3075

- **Adjournment:** The meeting was adjourned at 5:37 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, April 27, 2011
Room 3075
1 South Van Ness Avenue

SF
M90.325
#1
4/27/11

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

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COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - March 23, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding plans for the radio system upgrade. (John Haley, Transit Services)

8. Presentation, discussion and possible action regarding a surface loop for the J Church and N Judah lines. (John Haley, Transit Services)

9. Presentation, discussion and possible action regarding seismic safety. (Fariba Mahmoudi and Kenny Ngan, Capital Programs and Construction)

10. Presentation, discussion and possible action regarding Central Subway platforms. (Albert Hoe and Quon Chin, Central Subway)

11. Presentation, discussion and possible action regarding the Better Streets Plan. (Timothy Papandreou, Sustainable Streets)

12. Committee member requests for information. (For discussion only)

13. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, May 25, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

ADJOURN

Accessible meeting policy – One South Van Ness Avenue

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, April 27, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Daniel Weaver called the meeting to order at 4:02 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent at Roll Call: Greg Riessen

EMSC Members absent: Jamison Wieser

CAC members, not on this committee, but also present: Susan Vaughan

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

On motion to approve the minutes of March 23, 2011: Adopted
Ayes – Ferrario, Vaughan, and Weaver

Absent – Riessen and Wieser

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- **Report of the Chairman (For discussion only):**

None

- **Public Comment:**

Roland Wong commented that the PA system is inaudible on LRVs, especially when they are on the surface. Mr. Wong believes it is important for passengers to hear street designations. He states passengers who are visually-impaired sometimes do not know where the bus stops are and drivers don't announce stops and they may miss their stop.

Mr. Wong also commented that LRV do not have buzzers for wheelchair passengers to let the driver know they need to get off. He states some wheelchair passengers get passed up and cannot off board the vehicle. Mr. Wong states a designated bell should be installed to inform the driver that a wheelchair passenger is requesting a stop.

John Haley, Director, Transit Services, stated that IT personnel are testing and upgrading the quality of information being relayed in the subway. Mr. Haley stated that it is tougher on the surface because the train control system is not in place. Operators are reminded to make announcements of stops.

- **Presentation, discussion and possible action regarding plans for the radio system upgrade.** (John Haley, Director, Transit Services)

John Haley stated that staff is in negotiations with the vendor and will continue for the next couple of months. Mr. Haley stated that Muni's current radio system has only one channel and that there are dead spots and continuous difficulty for dispatchers and operators to communicate. This project is scheduled to be in service in about two years, beginning 2014. Benefits of the new radio system will allow multiple talk groups and division dispatchers will be able to talk directly to operators.

Public comment:

None

- **Presentation, discussion and possible action regarding a surface loop for the J Church and N Judah lines.** (John Haley, Director, Transit Services)

John Haley stated there has been a lot of discussion with the Board of Supervisors on this and that focus has been primarily on the J line. Mr. Haley stated a series of actions have been proposed to reduce travel time on the J line and he is open to suggestions. The N express bus idea had been discussed during ten service restoration task force meetings. Mr. Haley stated that he is concern about the impact on the number of open runs on subway service and that the heaviest traveled line is the N Judah.

Steve Ferrario mentioned the idea of having the J Church service on Market Street, but there's a turn missing at westbound Market to southbound Church Street. Mr. Ferrario stated the turn was in the original design, but was dropped off. He states if this turn was available, the J Church would be able to be a surface line. Mr. Haley stated he needs to be shown the benefits of this and states there isn't a capacity issue in the subway.

Steve Ferrario also mentioned supplementing the J Church and N Judah, suggesting that the inbound J Church go to Ocean Beach at Church and Duboce. Mr. Ferrario stated that during heavy traffic time running this back and forth would be increasing capacity, but Muni would increase the amount of passenger throughput on the trains. Mr. Haley stated there aren't enough rail cars to do this.

Fariba Mahmoudi, Director, Capital Programs and Construction, stated that as far as service planning goes when it comes to capital projects, suggestions have to be studied, alternatives viewed, statistics, and look into other alternatives to be looked into the CIP. Mr. Haley added that he will

look into the issue of adding the turn on Market Street.

Public comment:

David Pilpel wanted to be clear on low-floor and other issues, and would like to articulate a better idea if there are a limited number of Breda cars and staff cannot increase the fleet, to take some key service to Ocean or Judah Avenue that is compatible and re-program Breda cars to run from Castro to Caltrain, in lieu of the left-turn issue at Market and Church Street. Issues are operator availability, facilities able to repair vehicles, and funding to the extent of this, which is why service restoration has not moved forward.

- **Presentation, discussion and possible action regarding seismic safety.** (Fariba Mahmoudi and Kenny Ngan, Capital Programs and Construction)

Fariba Mahmoudi stated there is a task force looking into the seismic study of Muni's outer subway stations and tunnel. Staff is in negations with consultant on pricing and methodology. The Van Ness, Civic Center, Powell, Montgomery, Embarcadero and West Portal stations are not part of this study since they are owned by BART.

Kenny Ngan, Project Manager, stated that there are four types of defects and that the project will be divided in four phases. The first phase addresses most severe, phase two is to repair cracks and the last phase addresses the shoe fly area (wall that holds the street) at Eureka Portal.

The approved budget for phase one is $2,278,600. Phase two is about $3.5 million with 20% contingency because there is deterioration or corrosion and there may be risks for unknown conditions. The shoe fly is about $3.4 million.

Public comment:

None

- **Presentation, discussion and possible action regarding Central Subway platforms.** (Albert Ho, Deputy Program Manager and Quon Chin, Central Subwaty)

Albert Hoe discussed the current SFMTA requirement (high level) platform that Muni follows and that Central Subway is being designed for high-level platform. Mr. Hoe stated that to allow the Central Subway to be easily converted to low-level platform, configurations, major reconstruction and cost would be issues. The extension of escalators and elevators to boarding platforms would have to be reconstructed. The size of space at the Central Subway underground stations is also limited and they have different construction methodology.

Public comment:

Roland Wong stated that if pay areas were not going to be located in the grand hall area, wheelchair passengers would require assistance using the ticket vending machines.

- **Presentation, discussion and possible action regarding the Better Streets Plan.** (Timothy Papandreou, Sustainable Streets)

Timothy Papandreou discussed the Better Street Plan (BSP) policies and guidelines and their impact and affect to the SFMTA. The BSP was adopted by the Board of Supervisors last December. Within the plan, specific policy recommendation on how streets are being designed and coordinating work with Department of Public Works and implementing agencies. The BSP include streetscape, pedestrian and bicycle planning. The pedestrian safety work has just started with successful funding obtained. The BSP will seek issues and concerns regarding pedestrian safety and developing implementation from each district supervisor

Public comment:

None

- **Committee Members' requests for information** (For discussion only)

None

- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: May 25, 2011, at 3:30 p.m.
St. Francis Circle

- **Adjournment:** The meeting was adjourned at 6:13 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF SPECIAL MEETING AND CALENDAR

Wednesday, May 25, 2011
St. Francis Circle and West Portal Avenue

SF
M90.325
#1
5/25/11
special

SPECIAL MEETING
3:30 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - April 27, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Tour departure of the St. Francis Circle Reconstruction Project located at St. Francis Circle and West Portal Avenue. (**NOTE:** The SFMTA CAC EMSC will depart One South Van Ness at approximately 3:45 p.m. to board outbound LRV at the Van Ness Metro Station to St, Francis Circle.) (Ha Nguyen, Capital Programs and Construction and Al Herce, Sustainable Streets)

8. Committee member requests for information. (For discussion only)

9. Schedule upcoming calendar items. (For discussion only)
   Next meeting: Wednesday, June 22, 2011 at 4 p.m.
   1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, May 25, 2011, at 3:30 p.m.
St. Francis Circle and West Portal Avenue
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Daniel Weaver called the meeting to order at 3:34 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen, Daniel Weaver, and Jamison Wieser

EMSC Members absent: None

CAC members, not on this committee, but also present: None

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

On motion to approve the minutes of April 27, 2011: Approved
Ayes – Ferrario, Riessen, Weaver, and Wiesser

Nayes – None

- **Report of the Chairman (For discussion only):**

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None

- **Public Comment:**

None

The Committee departed from One South Van Ness to St. Francis Circle at 3:45 p.m.

- **Tour departure of the St. Francis Circle Reconstruction Project located at St. Francis Circle and West Portal Avenue.** (Ha Nguyen, Project Manager, Capital Programs and Construction and Al Herce, Traffic Engineer, Sustainable Streets)

Al Herce discussed the recent upgrade of various fixed-time pedestrian buttons of stop light signals, the crosswalks and bollards at the intersections of St. Francis Circle, Sloat Boulevard and West Portal Avenues. Mr. Herce stated that the upgrade of the signal at Sloat Boulevard has reduced traffic congestion to the neighbors by adding an additional right hand turn lane from eastbound Sloat to southbound Junipero Serra. Steve Ferrario suggested relocating the no turn sign below the light by the train crosswalk for drivers who may not see the sign which is posted above the stop light. Greg Riessen requested that the pedestrian push buttons be set to recall, at all times, so the walk sign would automatically show on a green light.

Public comment:

None

- **Committee Members' requests for information** (For discussion only)

None

- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: June 22, 2011, at 4:00 p.m.
1 South Van Ness Avenue, 3rd Floor Conference Room 3075

- **Adjournment:** The meeting was adjourned at 5:00 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, June 22, 2011
Room 3075
1 South Van Ness Avenue

SF
M90.325
#1
6/22/11

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - May 25, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding the train speeds in the Twin Peaks Tunnel. (John Haley, Transit Services)

8. Presentation, discussion and possible action regarding Muni's emergency operations preparedness plan. (Ted Unaegbu, Safety, Training, Security & Enforcement)

9. Presentation, discussion and possible action regarding changes to the NextMuni system at the Civic Center Station. (Travis Fox, Information Technology)

10. Committee member requests for information. (For discussion only)

11. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, July 27, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, June 22, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Daniel Weaver called the meeting to order at 4:05 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent: Greg Riessen and Jamison Wieser

CAC members, not on this committee, but also present: Mark Ballew and Dorris Vincent

Chairman Weaver appointed Mark Ballew to serve as Pro Tem

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

Committee member Steve Ferrario suggested an amendment for item #7, add the phrase "by adding an additional right hand turn lane from eastbound Sloat to southbound Junipero Serra" to the second sentence.

On motion to approve the minutes of May 25, 2011: As amended

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Ayes – Ballew, Ferrario, and Weaver

Nayes – None

Absent – Riessen and Wieser

Public Comment:

None

- **Report of the Chairman (For discussion only):**

None

- **Public Comment:**

None

- **Presentation, discussion and possible action regarding the train speeds in the Twin Peaks Tunnel.** (John Haley, Director, Transit Services)

John Haley provided an overview and handed out Twin Peaks Tunnel Overview powerpoints. Mr. Haley stated there were issues concerning the train speed in the tunnel and the decision to raise the speed does not have a simple answer. The wheel-well interface was designed for lighter cars to move faster, but when the trains were replaced from PCC to Bredas, there were no adjustments made to the supporting parts. The Twin Peaks track installation is much older than the Market Street tunnel and has more curves in it. Mr. Haley stated that the Twin Peaks tunnel needs to be re-railed. In July, 1,000 feet of inbound and outbound tracks at the Castro station will be re-railed.

Public Comment:

David Pilpel encouraged the committee to make formal recommendations so the SFMTA Board is aware of this. Mr. Pilpel stated that it's been over 12 years since the Breda vehicles have been around and there's been very little rail replacement. Mr. Pilpel stated the maintenance of way area needs more focus.

Edward Mason stated the rail track going east on Church to Market is going away.

- **Presentation, discussion and possible action regarding Muni's emergency operations preparedness plan.** (Ted Unaegbu, Emergency Preparedness Manager, Safety, Training, Security & Enforcement)

Ted Unaegbu discussed Muni's emergency preparedness and stated that Muni follows the guidelines provided by homeland security when responding to emergency situations. Mr. Unaegbu stated that the Department of Emergency Management is the primary coordinator for the City and they work with key members of various City agencies together with the FBI, Highway Patrol, and the Office of Emergency Services. He also stated that every City employee is classified as a disaster service worker.

Committee member Ferrario inquired about what resources Muni has on the reserve fleet and buses if power were out, the subway couldn't run trains, and not enough fuel for vehicles. Mr. Ferrario stated that interim emergency plans need to be thought out.

Council member Vincent inquired where people will be brought if they were hurt on a bus. Mr. Unaegbu stated that the Department of Public Health has a detailed plan where people would be brought, where triage stages would be placed and where ambulances would be staged.

Council member Ballew inquired if there is an emergency in the subway, how passengers would be evacuated off the train. Mr. Unaegbu stated that subway infrastructures have emergency exits. Committee member Steve Ferrario stated that the Chinatown station (Central Subway) needs to

provide extra exits.

Public Comment:

David Pilpel suggested asking for an emergency egress for the Central Subway. Mr. Pilpel also stated that he was on a train where passengers had to exit the train in the tunnel because the train in front of the one he was on had broke the pantograph. He stated that the passageway was very dark, emergency lighting was poor, covered with grime and he encouraged committee members to look into this.

- **Presentation, discussion and possible action regarding changes to the NextMuni system at the Civic Center Station.** (Travis Fox, Manager, Information Technology)

Travis Fox stated that the biggest improvement is the ATCS upgrade and new display signs for the subway and that the platform signs should be in agreement with NextMuni and the public announcements. Work was done to make sure the worst performing signs were hard-wired to show accuracy. NextBus data and the internet feed connection was upgraded as part of the C3 upgrade and that staff is in the process of seeking funding for the West Portal and Church NextMuni displays.

Committee Chairman Weaver stated that outbound sign at the West Portal station constantly flashes a "T" when the K/T is at the platform and inquired if this process will be upgraded. Hoppers, Infrastructure Manager, stated that digital maintenance personnel need to be informed. Committee member Ferrario mentioned that the old signs were more accurate than the ones in use now.

Public Comment:

None

- **Committee Members' requests for information** (For discussion only)

None

- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: July 27, 2011, at 4:00 p.m.
1 South Van Ness Avenue, 3rd Floor Conference Room 3075

- **Adjournment:** The meeting was adjourned at 6:37 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, July 27, 2011
Room 3075
1 South Van Ness Avenue

SF
M90.325
#1
7/27/11

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

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COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - June 22, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee (EMSC) on matters that are within the EMSC's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding bicycles on light rail vehicles. (John Haley, Director, Transit Services)

8. Presentation, discussion and possible action regarding the Church and Duboce Rail Replacement project. (Ming Gu, Project Manager, Capital Programs and Construction)

9. Discussion and possible action regarding deadheading streetcars.

10. Discussion and possible action regarding emergency services staffing.

11. Committee member requests for information. (For discussion only)

12. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, September 28, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, July 27, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Weaver called the meeting to order at 4:02 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent: Greg Riessen and Jamison Wieser

CAC members, not on this committee, but also present: Joan Downey

Chairman Weaver appointed Joan Downey to serve as Pro Tem

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- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

Chairman Weaver stated that David Pilpel's comments regarding the emergency exits for the Central Subway project on page three be clarified. David Pilpel stated that he did not suggest an emergency egress for the Central Subway. Mr. Pipel clarified his comment stating that the pantograph broke in the tunnel and tore down the overhead wires causing the train to stop in the tunnel.

On motion to approve the minutes of June 22, 2011: Approved as amended

Ayes – Ballew, Ferrario, and Weaver

Nayes – None

Absent – Riessen and Wieser

Public Comment:

None

- **Report of the Chairman (For discussion only):**

None

- **Public Comment:**

Roland Wong stated that at times automobiles do not stop for passengers who are exiting or boarding at LRV platform stops. Mr. Wong would like to know if LRVs can use red flasher lights, like school buses, to ensure vehicles stop at LRV platforms so passengers can board or exit safely.

- **Presentation, discussion and possible action regarding bicycles on light rail vehicles.** (John Haley, Director, Transit Services)

David Puglisi, Senior Transit manager, discussed bicycles on LRVs and stated that folding bikes are now allowed on trains. Mr. Puglisi stated that Muni's LRVs are high-floor and narrow and to make room to allow bicycles on the train would mean removing seats. He stated the Committee can plan for a field trip to a metro yard to view spacing for bicycles on LRVs.

Public Comment:

Edward Mason stated that there has been the committee should visit a metro yard and look into allowing bicycles on LRVs before a recommendation is made.

David Pilpel stated that two options can be to have flip-up seats closest to the articulation or use the existing seats that already flip-up and place hooks at the tops of the holding bars to allow bicycles to attach to a hook.

- **Presentation, discussion and possible action regarding the Church and Duboce Rail Replacement project.** (Ming Gu, Capital Programs and Construction)

Ming Gu, Project Manager, discussed background information on the Church and Duboce Rail project. Ms. Gu stated that the contract was award in February 2011 and the notice-to-proceed issued in March 2011. Ms. Gu discussed the various components of the project, including the water main replacement, the widening and zoning of the track work and bike lane and bus shelters. Ms. Gu stated that the contract should be completed by March 2012.

Public Comment:

None

- **Presentation, discussion and possible action regarding deadheading streetcars.**

Chairman Weaver stated that deadheading cars appears to be back in force and why does this happen. David Puglisi discussed situations when streetcars are deadheaded. Mr. Puglisi stated that the decision to deadhead cars are done on a case-by-case basis.

Public Comment:

David Pilpel stated that he has seen signs on LRVs that state they are heading toward the garage when they are deadheaded.

- **Discussion and possible action regarding emergency services staffing.**

Chairman Weaver stated that Ted Unaegbu was a one-person staff and that the committee should recommend the Agency be staffed with more people in order to be better prepared for an emergency. Chairman Weaver stated that there should be adequate staffing and assumes that staff

is looking into having more staff in place.

Public Comment:

David Pilpel commented that the way the City looks at these things, and it may happen at some point, but he's more interested in smaller emergencies, for example, a fire on Mission Street or in the subway, which are more likely to occur and harder to plan for.

- **Committee Members' requests for information** (For discussion only)

None

- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: September 28, 2011 at 4:00 p.m.
1 South Van Ness Avenue, 3rd Floor Conference Room 3075

- **Adjournment:** The meeting was adjourned at 6:37 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

Accessible meeting policy – One South Van Ness Avenue

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ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, September 28, 2011
Room 3075
1 South Van Ness Avenue

SF
M90.325
#1
9/28/11

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

3:20 p.m. nsf
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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - July 27, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee (EMSC) on matters that are within the EMSC's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding bicycles on light rail vehicles. (John Haley, Director, Transit Services)

8. Presentation, discussion and possible action regarding the proposed F-Line Streetcar Stop - Fort Mason Extension. (James Millard)

9. Committee member requests for information. (For discussion only)

10. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, October 26, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

ADJOURN

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, September 28, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

- **Call to Order**
  Chairman Weaver called the meeting to order at 4:23 p.m.

- **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent at Roll Call: Greg Riessen

EMSC Members absent: Jamison Wieser

CAC members, not on this committee, but also present: Mark Ballew and Dorris Vincent

Chairman Weaver appointed Mark Ballew to serve as Pro Tem

- **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

- **Approval of Minutes:**

Chairman Weaver continued approval of the July 27, 2011 minutes to the next meeting.

Public Comment:

None

- **Report of the Chairman (For discussion only):**

None

- **Public Comment:**

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None

- **Presentation, discussion and possible action regarding bicycles on light rail vehicles.** (John Haley, Director, Transit Services)

Jim Campbell, Transit Planner, Operations Planning, stated he was familiar with the study of allowing bicycles on light rail vehicles. Mr. Campbell stated that the study was the furthest this proposal has gone and is unsure where staff is right now with this. From his understanding, the cars are too crowded and bringing bikes on would be cumbersome.

Committee member Ferrario stated that he and Chairman Weaver went to the Green Yard and were presented with a mock-up of a streetcar with seats removed to install a contraption for bike. He stated three bikes could be added, but four seats would be lost.

Public Comment:

Roland Wong stated that is seats are removed to accommodate bicycles, many senior and/or disabled people, will lose seating.

Greg Riessen arrived at 4:40 p.m.

- **Presentation, discussion and possible action regarding the proposed F-Line Streetcar Stop – Fort Mason Extension.** (Darton Ito, Manager, Long Range & Capital Planning, Sustainable Streets)

Darton Ito stated that staff is working with the National Park Service (NPS) and their proposal of extending the F Line streetcar. Mr. Ito stated staff is preparing the environmental assessment on the project and that a draft environmental study is currently online. Staff and NPS have heard comments on the draft of the Environmental Impact Report (EIR) and are in the process of developing a response.

Mr. Ito stated that the extension of the F Line would continue down Jefferson Street, left on Leavenworth Street and a right on Beach Street, continue three blocks south of Hyde Street towards Van Ness Avenue and terminating at the Fort Mason center.

Mr. Ito stated that during the comment period, the impact of this project to street artists were raised, since there is a potential of losing 12 parking spaces and 12 street artists space.

Mr. Ito stated that NPS will release their final documents toward the end of the year and that the approval process would be in March 2012.

Motion 110928.01

The SFMTA CAC recommends that the F-Line Fort Mason extension proposed stops on the block between Hyde and Larkin be moved one block away, either east or west, dependent on station spacing and good operating practices.

On motion to approve Motion 110928.01: Adopted

Ayes – Ferrario, Riessen, and Weaver

Nayes – None

Absent - Wieser

Public Comment:

James Millard discussed the impacts to street artists and businesses in regards to the proposed station stop at Hyde & Beach Streets. Mr. Millard brought diagram drawings of proposed other location stops that can be beneficial to the neighborhood.

Howard Lazar stated that he has worked in the street artists program for over 39 years and the affects this project would have on the street artists.

Michael Addario showed a superimposed drawing to the Buena Vista and the affects the F-Line extension would cause to his business.

Brian Linwell discussed the distance of the project.

Tad Skye stated the City is one of the most beautiful cities and described the views that would be hampered by the project.

Cheryl Chan stated that the extension should be moved a block away and that the City will lose nothing if this happens.

- **Committee Members' requests for information** (For discussion only)
- Chairman Weaver would like a copy of the F Line Alternative Analysis report from Darton Ito.
- Mark Ballew would like to know who maintains and cleans the flat-panel screens in the stations.
- Dorris Vincent asked if push buttons at non-Nextbus stops will be replaced.
- **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: October 26, 2011 at 4:00 p.m.
1 South Van Ness Avenue, 3rd Floor Conference Room 3075

- **Adjournment:** The meeting was adjourned at 6:10 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, October 26, 2011
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
4:00 P.M.

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10/26/11

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Greg Riessen
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - July 27, 2011

   - September 28, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee on matters that are within the Citizens' Advisory Council's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding the train speed in the Twin Peaks tunnel. (John Haley, Director, Transit Services)

8. Presentation, discussion and possible action regarding elevator and escalator maintenance. (Ted Aranas, Transit Services)

9. Committee member requests for information. (For discussion only)

10. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, November 23, 2011 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, October 26, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

1. Call to Order
Chairman Weaver called the meeting to order at 4:05 p.m.

2. **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario, Greg Riessen, and Daniel Weaver

EMSC Members absent: Jamison Wieser

CAC members, not on this committee, but also present: Dorris Vincent

3. **Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

4. **Approval of Minutes:**

On motion to approve the minutes of July 27, 2011: Approved

Ayes – Ferrario, Riessen, and Weaver

Nayes – None

Absent – Wieser

On motion to approve the minutes of September 28, 2011: Approved

Ayes – Ferrario, Riessen, and Weaver

Nayes – None

Absent - Wieser

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Public Comment:

None

5. **Report of the Chairman (For discussion only):**

None

6. **Public Comment:**

None

7. **Presentation, discussion and possible action regarding the train speed in the Twin Peaks tunnel.** (John Haley, Director, Transit Services)

Davide Puglisi, Senior Operations Manager, Transit Services, discussed the speed restriction in the tunnel between the Castro and Forest Hill station. Currently, staff is replacing track at the Eureka curve, before Castro, and should be completed by spring next year. Mr. Puglisi explained that it will take more to relieve the speed restriction because of the capacity of trains in the subway. Mr. Puglisi stated that engineering staff will be preparing a study to increase the speed through the tunnel.

Public Comment:

Edward Mason mentioned the Eureka portal walls collapsed about seven years ago because of a partial implosion and that he lost track of what happened afterwards. He would like to know what happened to the vibration and speed in that section of the tunnel.

Motion 111026.01

The SFMTA CAC recommends that the SFMTA prioritize the re-tracking of the Twin Peaks Tunnel in order to lift the speed restriction.

On motion to approve Motion 111026.01: Approved

Ayes – Ferrario, Riessen, and Weaver

Nayes – None

Absent - Wieser

8. **Presentation, discussion and possible action regarding elevator and escalator maintenance.** (Ted Aranas, Transit Services)

Scott Broder, Maintenance Engineer, Structures and Ways Division, discussed the maintenance and schedule of elevators and escalators in the Muni Metro subways. Mr. Broder stated that the elevators are all original and have not been replaced since they were installed. The elevators do get wear and tear and that staff keeps up with them as best as possible. Mr. Broder stated that staff is developing a plan to re-build the elevators.

Public Comment:

Roland Wong stated that he rides Muni every day and because he is a wheelchair user, he depends on the elevators working at subway stations. Mr. Wong stated that the elevators are aging and that there will be no parts to keep the elevators working and the disabled community relies on the elevators. Mr. Wong would like to know if Muni has plans to communicate non-working elevators to passenger similar to BART. Mr. Wong stated that when BART elevators are not working, he receives a message alert from BART, which allows him to alter his travel plans.

9. **Committee Members' requests for information** (For discussion only)

None

10. **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: November 23, 2011 at 4:00 p.m.
1 South Van Ness Avenue, 3rd Floor Conference Room 3075

11. **Adjournment:** The meeting was adjourned at 5:48 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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CITIZENS' ADVISORY COUNCIL

ENGINEERING, MAINTENANCE AND SAFETY COMMITTEE

NOTICE OF MEETING AND CALENDAR

Wednesday, November 30, 2011
Room 3075
1 South Van Ness Avenue

REGULAR MEETING
4:00 P.M.

COMMITTEE MEMBERS
Dan Weaver, Chairman
Steve Ferrario
Jamison Wieser

COUNCIL LIAISON
Roberta Boomer

COUNCIL SECRETARY
Yvette Torres

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ORDER OF BUSINESS

1. Call to Order

2. Roll Call

3. Announcement of prohibition of sound producing devices during the meeting

4. Approval of Minutes:

   - October 26, 2011

5. Report of the Chairman (For discussion only)

6. Public Comment:

   Members of the public may address the Engineering, Maintenance and Safety Committee (EMSC) on matters that are within the EMSC's jurisdiction and are not on today's calendar.

REGULAR CALENDAR

7. Presentation, discussion and possible action regarding the Central Control and Communications Program. (Frank Lau, Project Manager, Capital Programs & Construction)

8. Presentation, discussion and possible action regarding expanding street car capacity. (Julie Kirschbaum, Service Planning Manager, Transit Services)

9. Committee member requests for information. (For discussion only)

10. Schedule upcoming calendar items. (For discussion only)
    Next meeting: Wednesday, January 25, 2012 at 4 p.m.
    1 South Van Ness Avenue, 3rd Floor, Conference Room 3075

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City and County of San Francisco
Municipal Transportation Agency
Citizens' Advisory Council

Engineering, Maintenance and Safety Committee

Wednesday, November 30, 2011, at 4:00 p.m.
1 South Van Ness Avenue, Conference Room 3075
San Francisco, California

MINUTES

1. Call to Order
Chairman Weaver called the meeting to order at 4:02 p.m.

2. **Roll Call**

EMSC Members present at Roll Call: Steve Ferrario and Daniel Weaver

EMSC Members absent: Jamison Wieser

CAC members not on this committee, but also present: Dorris Vincent

3.**Announcement of prohibition of sound producing devices during the meeting.**

The CAC Secretary made the announcement.

4. **Approval of Minutes:**

On motion to approve the minutes of October 26, 2011: Approved as amended

Ayes – Ferrario, and Weaver

Nayes – None

Absent - Wieser

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Public Comment:

Edward Mason stated that his comment for item #7 should be modified to read as follows: "Edward Mason stated that the Eureka portal walls collapsed about seven years ago because of a partial implosion and that he lost track of what happened afterwards".

5. **Report of the Chairman (For discussion only):**

None

6. **Public Comment:**

None

7. **Presentation, discussion and possible action regarding the Central Control and Communications Program.** (Frank Lau, Project Manager, Capital Programs and Construction)

Chairman Weaver stated that the approved budget for the project is $278M and would like to know what it includes, what improvements have been accomplished and what is remaining. Frank Lau described the project and stated that the project consists of five different items, including a new transportation management center, subway communication system, ATCS cutover, and the retrofit of the existing central control center.

Mr. Lau stated that the ATCS portion of the project will replace the existing System Management Computer (SMC) which will improve reliability, functionality and provide real time data.

Mr. Lau offered to take the committee on a tour of the new Central Control facilities at the next meeting.

Public Comment:

None

8. **Presentation, discussion and possible action regarding expanding street car capacity.** (Julie Kirschbaum, Service Planning Manager, Transit Services)

John Haley, Director, Transit Services, discussed the growing ridership on the F Line, the overhaul of vehicles, and the shortage of operators. Mr. Haley stated that the F Line is one of the fastest growing lines, especially on weekends.

Chairman Weaver inquired about how the TEP is being implemented and its plans. Mr. Haley replied that the TEP is proposing a 10% service increase within three of four years. To accomplish that, equipment is needed to increase service. Mr. Haley stated that staff is in the process of hiring operators, identifying projects, and reducing switchbacks.

Public Comment:

None

9. **Committee Members' requests for information** (For discussion only)

- Steve Ferrario would like an accounting of the proposed C3 budget.
-
- 10. **Schedule upcoming calendar items** (For discussion only)

Next regular meeting: January 25, 2012 at 4:00 p.m.
1 South Van Ness Avenue, 3rd Floor Conference Room 3075

11. **Adjournment:** The meeting was adjourned at 5:58 p.m.

Respectfully submitted by:
Yvette Torres
SFMTA CAC - Secretary

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